

Bellevue University High School Quiz Bowl - 2015

Round Number 3

3/22

TOSS-UP

BONUS

1

When a city needs to raise money to build a new sewer plant, it might sell certificates of debt that guarantee the return of the original investment plus interest by a specified future date. Name these certificates.

1

This is the haiku version of a novel by what American author?

Four little women
On their way to adulthood.
One doesn't make it.

bonds

Louisa May Alcott

2

Given that y varies inversely with x and $y = 2$ when $x = 2$, what is y when $x = 1$?

2

Classify the first and last words in this sentence.
Borrowing is not much better than begging.

3

What federal agency has established most of the benchmarks in the U.S.?

4

gerunds

3

The region of Macau in China was formerly a colony of what European country?

USGS (United States Geological Survey)

Portugal

4

What adjective describes glass that is heat-treated after fabrication in order to make it more durable and resistant to heat and thermal shock?

4

In a single-payer health insurance system, what entity pays for all health services?

tempered (toughened, safety)

government

5

What dwarf planet was named for the Roman goddess of plants, the harvest, and motherly love?

5

In what category of drama does the main character pass through a series of misfortunes leading to a final catastrophe?

Ceres

tragedy

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TOSS-UP

6

In 1970, President Nixon ordered American troops in Vietnam to destroy Viet Cong sanctuaries in what neighboring country southeast of Thailand?

OCA

7

The smallest interval on a standard piano keyboard is what kind of step?

OCA

8

Name any of the three tribes of European warriors who invaded Britain around the 5th century A.D.

OCA

9

What major American city is nearest the Matanuska Valley?

✓

10

Name the process that completes this limerick.
A propeller can cause the creation
Of bubbles, whose manifestation
Appears to be boiling
In water that's roiling.
The process is called ...

✓

BONUS

6

Convert this statement to an algebraic equation using p for the unknown.

Ten times the reciprocal of a number is three less than the original number.

OCA

7

As of mid-2014, the U.S. national debt was about how many trillion dollars?

OCA

8

Name the act of completely removing a strip of cork cambium, phloem, and cambium from around the entire circumference of a tree trunk.

✓

9

During what two decades was NASA's Apollo Program conducted?

Anchorage

10

What force makes storms rotate clockwise in the Southern Hemisphere?

cavitation

10/p = p-3

17 (or 18)

girdling

1960s. 1970s

Coriolis force

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3/16

TOSS-UP

1 1

The term "osseous" indicates something composed of or resembling what?

/

1 2

What term for a list of candidates in an election also indicates a fine-grained metamorphic rock that readily splits into smooth, flat pieces?

Cl

1 3

In 2015, Angola, Malaysia, New Zealand, Spain, and Venezuela were seated as non-permanent members of what United Nations organ?

SC

1 4

If John G. Roberts, Jr. is the 17th, who was the first?

/

1 5

What dissolved gas in the blood is the main cause of the affliction of scuba divers called rapture of the deep?

Cl

nitrogen

BONUS

1 1

La Danta of El Mirador and the Luxor Hotel of Las Vegas are examples of what kind of structures also found at Cholula in Mexico and at Giza in Egypt?

bone

pyramids

1 2

What words complete this thought by Winston Churchill that illustrates parallel structure?

A pessimist sees the difficulty in every opportunity while an optimist sees the opportunity ...

Cl

slate

in every difficulty

1 3

What trigonometric function completes this example of an idiom?

It is almost impossible to have a conversation with her, as she keeps going off on a ...

o c t

Security Council

tangent

1 4

This is about a member of what taxonomic order of mammals?

The strongest creature for his size
But least equipped for combat
That dwells beneath Australian skies
Is Weary Will the Wombat.

John Jay

marsupial

1 5

The Universal Product Code is based on series of vertical lines of varying width printed on packages of consumer goods. What is another name for this type of pattern?

cl

barcode

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TOSS-UP

1 6

The first known Buddhist writings were composed on what island off the southern coast of the Indian subcontinent?

CLa

Sri Lanka

1 7

On the seafloor of what ocean would you find the Diamantina Deep and the Java Trench?

OCA

Indian Ocean

1 8

What phrase identifies the actress playing the most significant role in a cast?

/

leading lady

1 9

Name the ship upon which Henry Hudson made his final voyage.

OCA

Discovery

2 0

Name the Italian who became a naturalized French citizen and, as the royal astronomer, discovered Tethys, Dione, Rhea, and Iapetus of Saturn as well as a dark division in the planet's rings.

/

Cassini

BONUS

1 6

The curie, used to describe the intensity of radioactivity in a sample of material, equals 37 billion disintegrations per second. This is approximately equal to the rate of decay of 1 gram of what substance that is present in uranium ores, that decays into a gas, and that was discovered by Marie and Pierre Curie?

/

radium

1 7

What category of verbs is used in this line?
I would if I could but I can't so I won't.

OCA

auxiliary (or modal)

1 8

What is the name for a member of a self-appointed group that enforces the law in the absence of legal authority?

vigilante

1 9

What are the two plurals of "syllabus"?

OCA

syllabuses, syllabi

2 0

What lobe of the cerebral cortex at the top of the brain processes information about taste, touch, pain, pressure, heat, and cold?

parietal lobe

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TOSS-UP

2 1

These guerrilla units fought in what South American country?

National Liberation Army
Tupac Amaru Revolutionary Movement
Shining Path

BONUS

2 1

With what American civil rights organization are these names associated?

Julian Bond, W.E.B. Du Bois, Medgar Evers,
Rosa Parks, Roy Wilkins

2 2

Mineral-rich sand and gravel that can be profitably exploited is known to miners as what kind of dirt?

Clay

Peru

NAACP

2 2

What figure of speech is used repeatedly in this song lyric?

It went zip when it moved and bop when it stopped and whir when it stood still.

Clay

pay dirt

onomatopoeia

2 3

Who was the U.S. president when the Wright brothers made their historic flight at Kitty Hawk?

Clay

2 3

If two chords of a circle are equal in length, what can be said about the lengths of the corresponding minor arcs?

Clay

Theodore Roosevelt

They are equal (in length)

2 4

Thanks to a dam completed in 1970, what African lake named for an Egyptian president is about 550 miles long when full?

✓

2 4

The popular election of what U.S. officials was established in 1913 by the ratification of the 17th Amendment?

Lake Nasser

senators

2 5

What verb can mean either "cut off" as with fingernails or "add to" as with Christmas trees?

Clay

2 5

Name the major cavity in the body containing the stomach, small intestine, colon, liver, gallbladder, pancreas, spleen, and kidneys.

Clay

trim

abdominal cavity

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TOSS-UP

2 6

In what opera by Engelbert Humperdinck does a witch lure children into her dwelling with cakes and sweets and then shove them into her oven where they turn into gingerbread?

OCA

Hansel and Gretel

2 7

Name the aviation practice of flying an aircraft in complex maneuvers for recreation and the entertainment of an audience.

OCA

aerobatics

2 8

What heat transfer process involves transporting energy from a lower, hotter region to a higher, cooler region?

/

convection

2 9

While diabetes and cancer are chronic illnesses, what corresponding adjective applies to disorders such as the common cold or hay fever?

OCA

acute

3 0

What Italian explorer and navigator is credited with first demonstrating that, contrary to conjectures from Columbus' voyages, the West Indies and Brazil were not the eastern outskirts of Asia but parts of an entirely new landmass?

Cla

Amerigo Vespucci

BONUS

2 6

What color has come to be associated with agrarianism and environmentalism?

OCA

green

2 7

What character created by Clive Cussler was instrumental in raising the Titanic, finding a Confederate ironclad in Africa, locating treasures from the Library of Alexandria in Texas, and discovering a third nuclear bomb that never made it to Japan in 1945?

/

Dirk Pitt

2 8

This passage by Anne Morrow is about whom?
He is taller than anyone else - you see his head in a moving crowd, and you notice his glance as though it were keener, clearer, and brighter than anyone else's, lit with a more intense fire. What could I say to this boy? I felt the whole world before this to be frivolous, superficial, and ephemeral.

Charles Lindbergh

2 9

These are hotspots on what tectonic plate?
Raton hotspot
Anahim hotspot
Yellowstone hotspot

OCA

North American plate

3 0

What group of mostly predatory, mostly saltwater fish have cartilaginous skeletons, five to seven gill slits, a covering of dermal denticles, and several sets of replaceable teeth?

Cla

sharks

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TOSS-UP

3 1

Spying on corporations is known as what kind of espionage?

Cl a

industrial (corporate, economic) espionage

3 2

What is the flight number on the national memorial in Pennsylvania honoring the crew and passengers of a United Airlines jet who heroically stopped terrorists from reaching their intended target?

✓

3 3

Name the alternative to the progressive income tax under which individuals would pay the same percentage regardless of their earnings.

OCA

flat tax

3 4

In 1990, Iraqi forces invaded and temporarily annexed what country at the head of the Persian Gulf?

OCA

Kuwait

3 5

A day on which planet lasts just a little bit longer than a day on Earth?

Cl a

Mars

BONUS

3 1

His father was thrown into debtors' prison in 1824 and he was sent to work in a factory under miserable conditions. These circumstances led what famous British author to write several novels about these topics?

Cl a

Charles Dickens

3 2

An arc minute equals what fraction of a degree?

93

1/60th

3 3

Located near the Hanford Nuclear Reservation, the Hanford Reach is the last free-flowing section of the Columbia River in what state?

✓

3 4

Alfred Nobel's fortune rested on his invention that involved the absorption of what explosive liquid into diatomaceous earth?

OCA

Washington

3 5

Just from their titles, you can surmise that these works are what form of literature?

Fifty Shades of Earl Grey

New Moan: The Twishite Saga

Jane Slayre

Night of the Living Trekkies

The Wind Done Gone

The Meowmorphosis

✓

nitroglycerin

parodies

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3 6

These are characteristics of what geometric solid?

Number of concurrent edges at a vertex = 3

Number of edges = 6

Number of vertices = 4

Number of faces = 4

Clay

tetrahedron (triangular pyramid)

3 7

While bassoons are baritone instruments and tubas are bass instruments, what category of instruments usually includes clarinets, flutes, and violins?

soprano instruments

3 8

What mountain range is the source of these rivers?

American, Feather, Tuolumne, Stanislaus, Mokelumne, Kings, Kern, Merced, Truckee

Sierra Nevada

3 9

In 1820, the American Colonization Society attempted to deal with slavery by returning volunteer African Americans to the African Pepper Coast. Those people formed the nucleus of what new country that still exists?

Liberia

4 0

A bag contains 15 marbles, 8 of which are green, 4 blue, and 3 white. You remove 1 green and 1 blue ball. What is the probability that the next randomly selected ball from the bag will be blue?

3 in 13

BONUS

3 6

What famous abolitionist's cabin can be seen in Osawatimie, Kansas?

Clay

John Brown's

3 7

What propaganda technique involves an appeal to be part of a group?

bandwagon

3 8

What molecular units of living organisms contain the information to pass hereditary traits to offspring?

genes

3 9

Arachnidism is an injury resulting from the bite of what kind of creature?

spider

4 0

What technique is used when an author, for comic effect, exaggerates or distorts a character's physical features or other characteristics?

caricature

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4 1

Yuri Gagarin was to the Soviet Union as what astronaut was to the United States?

Alan Shepard (or John Glenn)

4 2

Spell the homophone for a street market lined with shops and stalls that sounds the same as the adjective indicating something strange or fantastic.

bazaar

4 3

In a parliamentary system, the death knell for the current government is a vote of no what?

confidence

4 4

What war is the setting for these novels?
From Here to Eternity
The Eagle Has Landed
The English Patient
Catch-22

World War II

4 5

What memorial in Washington D.C. honors U.S. armed forces personnel who fought in such battles as Chonan, Suwon Airfield, Taegu, Chosin Reservoir, and Pork Chop Hill?

Korean War Veterans Memorial

BONUS

4 1

If a force of 20 newtons acts along a point that travels 2 meters, how many joules of work are done?

40 joules

4 2

The Tunguska event occurred in 1908 in what country?

Russia

4 3

The late 17th-century Massacre of Glencoe, in which Campbell Clan soldiers slaughtered many members of the MacDonald Clan, occurred in what part of Great Britain?

Scotland

4 4

James Oglethorpe tried to establish a silk industry in Georgia, but the plan was doomed from the outset because the right species of what kind of tree did not grow there?

mulberry

4 5

Name the kind of angle formed by any angle and its supplement.

straight angle

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BONUS

4 6

What island republic is due north of the island of Luzon and east of the people's Republic of China?

Taiwan (Republic of China)

4 7

The national anthem of the Principality of Andorra is entitled "El Gran Carlemany," named for what king of the Franks?

Charlemagne

4 8

What Latin American civilization constructed cities at sites such as Caracol, Rio Azul, Coba, Sayil, and Tikal?

Maya

4 9

What is the rhyme scheme in this verse?

The fire seven times tried this;
Seven times tried that judgment is,
That did never choose amiss.
Some there be that shadows kiss
Such have but a shadow's bliss.
There be fools alive, twis,
Silvered o'er - and so was this.

AAAAAAA

5 0

Gold readily forms an amalgam with mercury. Then, what basic process is used to separate the gold from the mercury?

distillation

4 6

The asthenosphere is part of what layer of the Earth's interior between the crust and core?

mantle

4 7

What is the antimatter counterpart of the electron?

positron

4 8

Consider the sentence, "She is a starlet and quite content." While "starlet" functions as a predicate nominative, what is the function of "content"?

predicate adjective

4 9

Express the first cardinal number in the poem, "The Midnight Ride of Paul Revere, as an ordinal number.

75th

5 0

In 1665, what colonial settlement was renamed in honor of the Duke of York?

New Amsterdam

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TOSS-UP

BONUS

- 1 What kind of shock is caused by a severe reaction to an antigen, allergen, or drug?
- 1 The adjective, buccal, relates to what bodily cavity?

Low

Low

anaphylactic shock

mouth

- 2 Vietnam was partitioned into two countries shortly after what fierce battle between the Viet Minh and the French?
- 2 What is the phrase for the set of facts and circumstances that would lead a law enforcement officer to believe that a certain person had committed a specific crime?

Dien Bien Phu

probable cause

- 3 This is from a review of what story by Kurt Vonnegut?
The first thing you think of is a graceful ballet. Maybe a lot of ivory satin, feathers, and tulle. It's not until a few lines later that you realize the ballerinas are also handicapped with masks, weights, and ear radios.
- 3 What country is due east of the Shetland Islands?

Harrison Bergeron

Norway

- 4 In the Virginia Colony, what were the titles of representatives of plantations who met in 1619 in the first elected legislative assembly in the New World?
- 4 A line is cut by a transversal. If one of the four angles formed is 40 degrees, what are the measures of each of the alternate exterior angles?

TH

burgesses

140 degrees

- 5 What is the collective name for molecules that inhibit oxidation of other molecules?
- 5 What verb form is illustrated by the words ending in "ing" in these sentences?
Put on your thinking cap.
Sleeping pills did her no good.
Mr. Gonzales bought running shoes today.

Lo

antioxidants

participle

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TOSS-UP

BONUS

6

What publication of the U.S. Congress is a version of the Hansard, the official transcript of the proceedings of the British Parliament?

Congressional Record

7

What epithet is associated with these famous historical people?

Catherine, Akbar, Frederick, Cyrus, Ivan III, Alfred, Charlemagne, Peter

Lon

the Great

8

What is the slang term for a mystery story that includes both a murder and the clues required to identify the killer?

whodunit

9

Which of the Seven Wonders of the Ancient World was created by the sculptor, Phidias?

Statue of Zeus

10

If the mixing of two liquids results in a single liquid phase with no meniscus, the liquids are described as being what?

miscible

6

What do the Delta Aquarids consist of?

meteoroids (meteors)

7

As part of an initiation, some organizations incorporate abuse, harassment, and humiliation in the ritual. Name this practice.

Lon

hazing

8

The measures of the angles in a triangle are in the ratio of 3 to 4 to 5. What is the measure of the largest angle?

75 degrees

9

Although its original name was the Pennsylvania State House, what is this building called today?

Independence Hall

10

What form of wordplay is used in these actual business names?

a stationery shop named Avant-Card
a plumbing service named All Cisterns Go
a dog day care botique named Indiana Bones
Temple of Groom
a bar named Tequila Mockingbird
an ice cream shop named Custard's Last Stand

pun

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TOSS-UP

BONUS

1 1

Islands belonging to what country surround the Java Sea?

Indonesia

1 2

Given that y varies inversely with x and that $y = 3$ when $x = 4$, what is y when $x = 1$?

12

1 3

In 1958, what U.S. vessel dived near Point Barrow, Alaska, traveled some 1000 miles under the Arctic ice cap to reach the top of the world, and then proceeded toward Iceland?

Nautilus

1 4

The color of what important bodily fluid is often compared to that of freshly cut grass?

bile

1 5

Which U.S. state, on a per-capita basis, has the greatest influence in the U.S. Senate?

Wyoming

1 1

A raised mass of earth or debris within or below which the dead are interred is simply called a burial what?

burial mound

1 2

What American author began three of his novels with these lines?

-Ryan was nearly killed twice in a half an hour.
-"When do you start, Jack?" Cathy asked in the quiet of their bed.

-Captain First Rank Marko Ramius of the Soviet Navy was dressed for the Arctic conditions normal to the Northern Fleet submarine base at Polyarnyy.

Tom Clancy

1 3

In early 2015, a Liberian government official said that facilities constructed there in 2014 by some 3000 American troops at a cost of \$750 million were built "too late" as the spread of what disease was already well on the downswing by the time Americans had started the project?

Ebola

1 4

Some 4.3 million workers were employed in American shipyards during World War II, and for every thousand workers about 14 died of mesothelioma, resulting from their exposure to what fibrous mineral used for insulation?

asbestos

1 5

A relative humidity of about what percentage usually accompanies the formation of fog?

100%

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TOSS-UP

BONUS

1 6

During what period in European history were these works first published?

Dante's "Divine Comedy"
Cervantes' "Don Quixote"
More's "Utopia"
Machiavelli's "The Prince"

Len

Renaissance

1 7

In what Stephen King novel does John Smith clairvoyantly see a future U.S. president causing a worldwide nuclear war?

/

The Dead Zone

1 8

What body of water borders Anatolia to its south?

/

Mediterranean Sea

1 9

What famous painting by Winslow Homer shares its title with a major, warm ocean current of the North Atlantic?

/

The Gulf Stream

2 0

While galena is a sulfide and hematite is an oxide, what kind of minerals are quartz and feldspar, given that they contain abundant oxygen and silicon?

/

silicates

1 6

What blend word is a noun combination of a term for someone who directs physical or mental effort toward accomplishing something and someone who habitually and excessively consumes beverages containing ethanol?

/

workaholic

1 7

What is the product of the two solutions of this equation?

$2y = 3 - y^2$

1 8

Part of the purpose of the Marshall Plan was to prevent the spread of what ideology?

- 3

1 9

Equal to one joule per second, what is the SI unit of power?

communism

watt

2 0

Piracy flourished in the Caribbean largely thanks to pirate bases at Port Royal in Jamaica, Tortuga off Haiti, and Nassau in what island group?

Bahamas

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TOSS-UP

2 1

What 560-acre national monument featuring old growth redwoods and named for an American naturalist is a major tourist attraction in the San Francisco Bay area?

Muir Woods

2 2

What is the fundamental frequency if the harmonics have frequencies of $2f$, $3f$, and $4f$?

TH

2 3

These are generally symptoms of what physiological condition?
lack of energy, exhaustion, lethargy,
weariness, drowsiness, aching muscles,
mental exhaustion, dizziness

fatigue

2 4

What mathematical property is illustrated in this?

$$11 \times 1/11 = 1$$

(multiplicative) inverse property

2 5

Shortly after the 1916 Battle of Columbus in New Mexico, President Wilson ordered the U.S. Army to invade Mexico and capture what general who led the raid?

Pancho Villa

BONUS

2 1

What substance that forms an insulating sheath around many nerve fibers distinguishes white matter from gray matter in the nervous system?

myelin

2 2

Express the hexadecimal number 79 as a decimal number.

f

121

2 3

These are sites in what country?
In Flanders Field Museum
Ploegsteert Memorial
The Trench of Death
Waterloo Battlefield

Belgium

2 4

The historian, Mercy Otis Warren, was deploring the absence what kind of limits when she said this about the U.S. Constitution?

There is no provision for a rotation, nor anything to prevent the perpetuity of office in the same hands for life, which by a little well-timed bribery, will probably be done.

term limits

2 5

The character of Utnapishtim in the Babylonian flood legend is analogous to what character in the Old Testament?

Noah

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TOSS-UP

BONUS

2 6

While the outer layer of the glands located at the top of the kidneys produces corticosteroid hormones, name a hormone produced by the inner portion of these glands.

low

2 6

In a truncated cone, name the shortest possible distance between the edges of the two bases.

✓

epinephrine (norepinephrine, adrenaline)

slant height

2 7

Mendenhall Glacier is just outside what Alaskan city?

✓

2 7

Juan Peron of Argentina married Eva Duarte, who later became affectionately known by what name?

2 8

QSO is the abbreviation for what broader name for quasars?

Juneau

Evita

2 8

Complete this anagram for "school student".
tends to ...

quasi-stellar objects

slouch

2 9

A quantitative analysis determines the concentration of a substance in a sample. What kind of chemical analysis simply detects the presence of a substance in a sample?

✓

2 9

Who utters this in a Shakespearean play?
And fire-eyed fury be my conduct now!
Now, Tybalt, take the villain back again
That late thou gavest me; for Mercutio's soul
Is but a little way above our heads.

qualitative analysis

Romeo

3 0

The Golden Gate Bridge is 8980 feet long. To the nearest whole number, convert that length to meters.

✓

3 0

The assassination of Martin Luther King and the verdict in the Rodney King trial triggered what kind of violent disturbances by crowds in many cities?

2737

riots (race riots)

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TOSS-UP

3 1

What title did these Germans hold?
Konrad Adenauer
Willy Brandt
Helmut Kohl
Gerhard Schroeder

BONUS

3 1

The Moulin Rouge in Paris is regarded as the birthplace of what kind of music hall dance that features high kicking?

3 2

Name the modern disease-prevention practice that Voltaire described in these words in 1742.

The Circassian women have, from time immemorial, communicated the smallpox to their children when not above six months old by making an incision in the arm, and by putting into this incision a pustule from the body of another child.

inoculation (vaccination, immunization)

3 3

The medial collateral ligament helps give stability to what joint?

3 2

In the 18th century, what ship famously failed in its mission to acquire breadfruit plants in Tahiti and transport them to the West Indies?

3 3

What is the name for a homograph that is pronounced differently?

3 4

What do epicures call the roe of sturgeon?

knee

3 4

What battleship currently moored a few hundred yards from the resting place of the U.S.S. Arizona was the vessel upon which the documents ending World War II were signed?

heteronym

3 5

If $n = 3$, then what is the name for the n th root of a number?

caviar

3 5

Because of their approximate location on the globe in relation to Great Britain, what two neighboring South Pacific countries are sometimes called the Antipodes?

U.S.S. Missouri

cube root

Australia, New Zealand

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BONUS

3 6

Regarding watersheds, what is a synonym for an affluent?

tributary

3 6

What archipelago at the southern tip of South America was first discovered by the expedition led by Ferdinand Magellan?

(

3 7

Two monumental paintings by Albert Bierstadt hang in the U.S. Capitol. One is "Entrance into Monterey" while the other is of the discovery of what river depicting Henry Hudson sailing just above West Point, New York?

TH

tributary

3 7

While rum-running most often indicates smuggling over water, what corresponding term indicates smuggling over land?

bootlegging

Tierra del Fuego

3 8

Given that $p = 3$ and $q = 5$, evaluate $\pi(pq) + \pi(p^2)$.

Hudson River

3 8

What intensifier is used in the line preceding this one taken from Longfellow's poem, "There Was a Little Girl"?

And when she was bad she was horrid.

bootlegging

3 9

What is the common collective name for graminoids, which are monocotyledonous, often herbaceous plants with narrow leaves growing from the base?

24 pi

3 9

Between 1946 and 1958, well many nuclear weapons were detonated on each of two atolls in the Marshall Islands. Name either.

very

4 0

The region associated with Flemish painters includes western Belgium, the southwestern Netherlands, and the northern part of what other country?

grass

4 0

In 1931, Harold Urey discovered heavy water that contains a larger than normal amount of what hydrogen isotope?

Bikini, Eniwetok

France

deuterium

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BONUS

4 1

This is a haiku version of what British dystopian novel?

Doubleplusungood

Big Brother crimestop oldspeak
dystopic old think.

4 1

The mouth of what river separates Uruguay from Argentina?

Nineteen Eighty-Four

Rio de la Plata

4 2

If something travels 1×10 to the 6th power meters per second for 5×10 to the -6th power seconds, it travels a total of how many meters?

4 2

In 1775, combined forces under Benedict Arnold and Ethan Allen captured what fort in New York?

5

Fort Ticonderoga

4 3

Laudanum, codeine, and morphine are derivatives of what drug?

4 3

Diatomite is also known as what kind of earth?

opium

diatomaceous earth

4 4

The treaty known as START was signed in 1991 by what two countries?

4 4

Which clause is the adjunct in this example?
He buried his treasure wherever
Blackbeard buried his.

United States and the Soviet Union

wherever Blackbeard buries his

4 5

Reminiscent of a traffic jam, what is a synonym for deadlock, a situation involving opposing parties in which no progress can be made?

4 5

Name the class of the phylum Mollusca that includes clams, mussels, oysters, scallops, and others with two hinged shells.

gridlock

bivalvia (bivalves)

Bellevue University High School Quiz Bowl - 2015

3/30

Round Number 4

TOSS-UP

BONUS

4 6

If you have 20 ounces of a 20% salt solution, express as an improper fraction the ounces of salt that must be added to make it a 25% solution.

4/3 ounces

4 7

In Hinduism, what is the term for the incarnation, appearance, or manifestation of a deity on Earth?

avatar

4 8

The tail of the constellation Draco is between what two well-known constellations?

Big Dipper, Little Dipper (Ursa Major, Ursa

4 9

After the bonobo and common chimpanzee, what large African apes are the closest living relatives to humans?

gorillas

5 0

Multiply the quantity (a - square root of b) by the quantity (a + square root of b).

a squared minus b

4 6

This 1907 description was about what particular product?

The \$850.50 flivver has a wooden body on a steel frame that makes it stronger than a horse and easier to maintain.

Model T

4 7

What is the term for the change in direction of radiation that encounters a surface without a change in wavelength?

reflection (or refraction)

4 8

In 1846, the Oregon Treaty fixed the U.S.-Canadian border at what parallel of latitude?

49th

4 9

This passage is from what well-known short story?

"I wanted an ideal animal to hunt," explained the general. "So I said, 'What are the attributes of an ideal quarry?' And the answer was, of course: 'It must have courage, cunning, and, above all, it must be able to reason.'"

The Most Dangerous Game

5 0

In 1632, all the land between the Potomac River and Chesapeake Bay was granted to what English politician known as the First Baron Baltimore?

George Calvert

Bellevue University High School Quiz Bowl - 2015

4/6

Round Number 7

TOSS-UP

BONUS

1

Based on their number of limbs, reptiles, birds, amphibians, and mammals belong to what superclass of vertebrates?

Tetrapoda (tetrapod)

2

In the year 378, the Visigoths decisively defeated the Roman army in the Battle of Adrianople. That battle site is located in what modern country?

Turkey

3

Give any example of an uninflected plural.

S

any word with a plural the same as the singular

4

What kind of shallow glass tank of water is used to demonstrate the basic properties of small waves?

ripple tank

5

4 times 10 to the minus 5th power equals what?

S

0.00004

1

What is this parabola's axis of symmetry?
 $y = (x+3)^2 + 4$

the line $x = -3$

2

Located in the Yukon, what is the second-highest peak in North America?

Mount Logan

3

From the North Pole, all the constellations north of what equator are circumpolar constellations?

celestial equator

4

What number completes this opening line of Orwell's "1984"?

It was a bright cold day in April,
and the clocks were striking ...

thirteen

5

Red Cloud's War, also known as the Powder River War, pitted U.S. forces against three tribes of Native Americans. Name any of them.

Lakota (Sioux), Cheyenne, Arapaho

4/6
Bellevue University High School Quiz Bowl - 2015

Round Number 7

TOSS-UP

BONUS

6

One of London's most recognizable architectural landmarks is what domed cathedral located on Ludgate Hill, the highest point in that city?

CP

St. Paul's Cathedral

7

The obelisks of ancient Egypt symbolized what Sun god?

CP

8

Since the following is an example of asyndeton, what part of speech does not appear in the line?

We shall pay any price, bear any burden,
meet any hardships, support any friend,
oppose any foe to assure the survival
and success of liberty.

CP

conjunction

9

A 567-foot column in Harris County, Texas, was named for and commemorates the site of the decisive battle of the Texas Revolution. Name this monument.

San Jacinto Monument

10

What expansive desert covers most of Kuwait?

S

Arabian Desert

6

The U.S. president can make what kind of binding international agreements that carry the force of law but do not require Senate consent?

CP

executive agreements

7

Name the surgical procedure by which the internal structure of a joint is examined using a tube-like viewing instrument.

/

Ra

arthroscopy

8

Red hair results from a form of what pigment in the skin?

CP

(pheo-) melanin

9

The numbers for lower-level courses in college usually fall within what numerical range?

100-299

10

What whole number corresponds to the tangent of 225 degrees?

S

Bellevue University High School Quiz Bowl - 2015

Round Number 7

TOSS-UP

1 1

What organic acid is commonly used in pickling vegetables?

S

acetic (ethanoic) acid

1 2

The largest impact on Earth in recorded history occurred in 1908 in Russia. It has come to be known as what event?

S

Tunguska event

1 3

Testimony in a court of law is a form of evidence made by oath under the penalty of what?

S

perjury

1 4

Name the kind of surface found in every home and automobile that exhibits specular reflection.

S

mirror

1 5

While radar, laser, and scuba are acronyms, USMC, AAA, and VIP are examples of what kind of "isms"?

S

alphabetisms (initialisms)

BONUS

1 1

In 1974, what country conducted nuclear weapon tests under the codename, Operation Smiling Buddha?

S

India

1 2

In 2014, the German Bundeskanzlerin was Angela who?

/

Merkel

1 3

These lines are from what poem by Virgil?
Arms, and the man I sing, who, forc'd by fate,
And haughty Juno's unrelenting hate,
Expell'd and exil'd, left the Trojan shore.
Long labors, both by sea and land, he bore,
And in doubtful war, before he won
The Latian realm, and built the destin'd town.

S

The Aeneid

1 4

A bridge over the entrance to New York Harbor was named for what 16th-century explorer of the Narragansett Bay and New York Bay?

/

Verrazano

1 5

Foraminiferans and radiolarians are among the important forms of what broad category of plankton?

←

Challenge

zooplankton

Zooplankton

4/6

Bellevue University High School Quiz Bowl - 2015

Round Number 7

TOSS-UP

BONUS

1 6

In 1741, the Aleut people first encountered colonizers from what distant land?

S

Russia

1 7

Name the heat treatment that alters the microstructure of a material, inducing changes in properties such as strength, hardness, and ductility.

/

annealing

1 8

What character in "David Copperfield" makes this observation?

Annual income: twenty pounds, annual expenditure: nineteen pounds nineteen and six, result happiness. Annual income: twenty pounds, annual expenditure: twenty pounds nought and six, result misery.

/

Micawber

1 9

3i is the square root of what number?

CP

- 9

2 0

Bacterial vaccines are used for such diseases as anthrax, cholera, and tetanus. What corresponding category of vaccines are used to prevent measles, mumps, polio, and rabies?

S

viral vaccines

1 6

Benjamin Britten composed the music for the opera, "Billy Budd," based on a short story by what American author?

/

Herman Melville

1 7

Most of the Atacama Desert is located in what Latin American country?

Chile

1 8

Name either of the two Virginia brothers who signed the Declaration of Independence.

Richard Henry Lee. Francis Lightfoot Lee

1 9

Named for a mythical Greek nymph, Amalthea is the reddest heavenly object in our solar system and the third-closest moon to what planet?

/

Jupiter

2 0

The sultanate of Morocco and three North African Ottoman provinces opposed the United States in the First Barbary War. Name any two of those provinces.

/

Tripoli. Algiers. Tunis

Bellevue University High School Quiz Bowl - 2015

Round Number 7

TOSS-UP

2 1

What common parasitic plant flourishes on many different trees, bears evergreen leaves that carry out some photosynthesis, but derives its water and minerals from the host?

S

mistletoe

2 2

These works were originally all written in what language?

The Bhagavad Gita
The Upanishads
The Ramayana
The Rig Veda

/

Sanskrit

2 3

Name the Saudi Arabian king who died in 2015.

/

Abdullah

2 4

What is the shape of the lateral faces of a truncated pyramid?

S

trapezoid

2 5

What kind of majority of electoral votes is required to elect a president?

/

absolute majority

BONUS

2 1

What error is illustrated in this sentence?
Whenever D'Artagnan would meet with the other musketeers, he brought his tights.

/

shift in tense

2 2

Oddly shaped congressional districts are usually the result of what political practice?

gerrymandering

2 3

During whose administration were some 50,000 Native Americans relocated to lands west of the Mississippi?

Andrew Jackson's

2 4

Lithium, sodium, potassium, rubidium, cesium, and francium react with water to form strongly alkaline hydroxide solutions. Collectively these elements are known as what metals?

S

alkali metals

2 5

What is the only nation to develop nuclear weapons and then dismantle them all?

South Africa

Bellevue University High School Quiz Bowl - 2015

Round Number 7

TOSS-UP

2 6

The cochlear nerve carries impulses from what organ directly to the brain?

ear (inner ear, cochlea)

2 7

Three novels by what American author begin with these lines?

- Ling Tan lifted his head.
- Wang Lung lay dying.
- It was Wang Lung's marriage day.

Pearl Buck

2 8

When you flip a coin six times, what is the probability that six tails will come up?

1 in 64

2 9

Grammatically speaking, what is the function of the last word in these sentences?

- In the horserace, Silky Sullivan was the leader.
- To the Clippers, Sterling is an embarrassment.
- We are the world.

predicate nominative

3 0

Any intense exposure to what kind of light can lead to photokeratitis?

ultraviolet

BONUS

2 6

Catalonia is a region and autonomous community of what European country?

Spain

2 7

What noun indicates a straightening movement that increases the angle between two body parts such as what happens with the lower and upper legs when you stand up?

extension

2 8

In 1985, the retired U.S. Navy warrant officer and communications specialist, John Walker, was judged guilty of espionage for what country?

Soviet Union (U.S.S.R.)

2 9

Name the process of rewriting a piece of music in a different key.

transposition

3 0

A second atomic bomb was used when Japanese officials refused, after the Hiroshima bombing, to accept the unconditional surrender terms drawn up at what Allied conference held in northeast Germany?

Potsdam Conference

Bellevue University High School Quiz Bowl - 2015

Round Number 7

TOSS-UP

3 1

In the late 18th century, what French scientist and founder of modern chemistry demonstrated the law of conservation of mass?

CP

Antoine Lavoisier

3 2

Set in Puritan Boston in the mid-17th century, what is considered to be the "magnum opus" of Nathaniel Hawthorne?

CP

The Scarlet Letter

3 3

What Canadian territory includes part of mainland Canada, most of the Arctic islands, and all of the islands in Hudson Bay?

CP

Nunavut

3 4

Archaeologically speaking, many tales of the Viking Age are commemorated on what kind of stones?

✓

runestones

3 5

What kind of conjunctions are these examples?

no sooner - than
scarcely - when
just as - so
rather - than
not only - but also

correlative conjunctions

BONUS

3 1

Generally, the law refers to the main actor in a crime as the principal and to anyone who intentionally assists the principal as what?

CP

accomplices

3 2

Mining in Minnesota flourished following discoveries of what metal in the Cuyuna, Vermillion, and Mesabi Ranges?

✓

iron

3 3

To the nearest whole number, what is the area of a semicircle with a diameter of 40 centimeters?

CP

628 square centimeters

3 4

What adjective indicates those predators that, as adults, have no natural predators in their ecosystems?

apex (top)

3 5

With a diameter of 3200 miles, what satellite of Saturn is the only moon known to have an atmosphere?

Titan

4/6
Bellevue University High School Quiz Bowl - 2015

Round Number 7

TOSS-UP

BONUS

3 6

In 2014, the UN General Assembly approved a resolution declaring as illegal the referendum that led to Russia's annexation of what region?

3 6

What figure of speech is used repeatedly in this line?

Pyongyang has been ramping up its rhetoric against Seoul and Washington since Obama and Park met in Seoul.

Crimea

metonymy

3 7

This is an anagram for what motion picture studio?

A Turnip Cures Elvis

3 7

Given that it is an integer between 30 and 40, what is the cube root of 35937?

Universal Pictures

33

3 8

What is the antonym of aliphatic?

3 8

What instrument played by a keyboard is the heaviest of all musical instruments, mainly because it consists of a large number of cast bells?

aromatic

carillon

3 9

What ancient people that inhabited the western coast of the Fertile Crescent were famed as the "traders in purple"?

3 9

Some 75 million people died worldwide as the result of what pandemic disease between 1918 and 1920?

Phoenicians

influenza

4 0

Which of the Great Lakes has the shortest average water residence time?

4 0

Under what practice and international law are ambassadors and other diplomats not subject to the laws of the nation or state in which they are working?

Lake Erie

diplomatic immunity

Bellevue University High School Quiz Bowl - 2015

4/6

Round Number 7

TOSS-UP

BONUS

4 1

What story by Ambrose Bierce begins with this?
A man stood upon a railroad bridge in northern Alabama, looking down into the swift water twenty feet below. The man's hands were behind his back, the wrists bound with a cord. A rope closely encircled his neck.

An Occurrence at Owl Creek Bridge

4 2

Simplify this expression
4 times the square root of 7 plus 6 times the square root of 7

10 times the square root of 7

4 3

What is the eighth member of the alkane series?

octane

4 4

The American physicist who discovered the doughnut-shaped belts of radiation encircling the Earth was James who?

Van Allen

4 5

What is another term for admiralty law, that body of law applicable to navigation and commerce on the high seas?

maritime law

4 1

These lines are from whose second inaugural address?

-to do all which may achieve and cherish
a just and lasting peace
-to care for him who shall have borne
the battle
-to bind up the nation's wounds

Abraham Lincoln's

4 2

Complete this idiom that means to remain in a calm and untroubled state?
keep on an even ----

4 3

A medieval glazier worked with what material?

keel

glass

4 4

Pterosaurs are the earliest vertebrates known to have evolved what capability?

flight (powered flight)

4 5

What American poet begins one of her more popular extended metaphors with this verse?
Hope is the thing with feathers
That perches in the soul,
And sings the tune without the words,
And never stops at all.

Emily Dickinson

Bellevue University High School Quiz Bowl - 2015

Round Number 7

TOSS-UP

BONUS

4 6

The first women's rights convention in the U.S. was held in 1848 at Seneca Falls in what state?

4 6

A liquid flows into a beaker at six ounces per minute and drains out at two ounces per minute. If the beaker holds 180 ounces, how many minutes does it take to fill the originally empty beaker?

New York

45 minutes

4 7

Kwajalein is what kind of landform?

4 7

What adjective indicates a fracture in which a bone is broken in two or more places?

atoll

comminuted (butterfly, segmental)

4 8

Which of the four elements of medieval alchemy was said to be cold and dry?

4 8

What is another name for the obelisk used in printing that usually indicates a footnote?

earth

dagger

4 9

These performers illustrate what male singing voice?

Billy Idol, Michael Buble, Elvis Presley,
Johnny Cash, Bing Crosby, Randy Travis,
Trent Reznor, Frank Sinatra

4 9

The high-speed electrons emitted from atomic nuclei during radioactive decay that can be stopped by a thin sheet of plastic or glass are described as what type of particles?

baritone

beta particles

5 0

This is a parody of a book by what American author?

The Zombies of Lake Woebegotten

5 0

After U.S. forces recaptured the Aleutian island of Attu in 1943, 35,000 troops, backed by 95 ships and 163 aircraft, landed on what other island that had been abandoned by the Japanese two weeks earlier?

Garrison Keillor

Kiska

Bellevue University High School Quiz Bowl - 2015

Round Number 8

4/7

TOSS-UP

BONUS

1

The two main functions of whale blubber are food storage and what else?

A

insulation

2

Name the site in the Ukraine where a catastrophic accident occurred which was many times more serious than a similar accident in the U.S. at Three Mile Island.

W

Chernobyl

3

These books are set in what African country?

A House in Fez
A Year in Marrakesh
Casablanca

W

Morocco

4

When an adjunct is at the beginning of a sentence, and especially when it consists of more than one word, what punctuation mark is generally required?

W

comma

5

These are the largest islands in what New England state?

Aquidneck, Conanicut, Prudence

/

Rhode Island

1

Name the regular geometric solid composed of eight equilateral triangles.

/

octahedron

2

The first light in the universe occurred millions of years after what colossal cosmic event?

W

big bang

3

Users of checking accounts may keep track of the checks they have written on a form that is usually included with the checkbook. Name this form.

/

check register

4

What was the actual ending of this fanciful motto of the U.S. Army Corps of Engineers during World War II?

The difficult we do immediately.
The impossible, we don't.

/

takes a little longer

5

What is the general effect of emollients?

softening

Bellevue University High School Quiz Bowl - 2015

Round Number 8

TOSS-UP

6

Huge bursts of solar wind produced by the Sun are called CMEs, which stands for coronal mass what?

W

ejections

7

In an attempt to reach political asylum, Chief Joseph led his people toward Canada where he hoped to join forces with what famous Sioux chief?

W

Sitting Bull

8

What is the name for the center of a circle circumscribed about a polygon?

/

circumcenter

9

Imre Nagy was tried and executed on charges of treason in 1958. He was the former head of what country that was invaded by the Soviet Union in 1956?

/

Hungary

10

These are examples of what kind of clause?

- which dangled from the bathroom towel
- who preferred golf to work
- that bit me on the nose last night
- which is home to the Cauliflower Museum
- that hang on the studio wall

relative (dependent, subordinate) clause

A

BONUS

6

Sounding like a piece of medieval armor, what is the collective name for any material or obstruction that absorbs ionizing radiation and protects people or equipment from its effects?

/

shielding (shield)

7

In contrast to his pen name, what was the actual name of the author of short stories collected in volumes such as "The Four Million" and "Cabbages and Kings"?

/

William Sydney Porter

8

The famed Acropolis Museum is in what city?

/

Athens

9

What is the legal term for court testimony in which the witness has no direct knowledge of an asserted fact, but knows it only indirectly by having been told by somebody?

hearsay

10

Of the seven micronutrients required by plants, name one that begins with the letter "c."

/

chlorine, copper

Bellevue University High School Quiz Bowl - 2015

Round Number 8

TOSS-UP

1 1

This example from "Hamlet" illustrates what unit of verse?

The time is out of joint, O cursed spite
That ever I was born to set it right.

couplet

1 2

It was shortly after the end of what war that the British prohibited American colonists from settling west of the Appalachians?

Seven Years (French and Indian) War

1 3

What kind of whale has the largest brain of any modern or extinct animal?

sperm whale

1 4

In England, what is the title of those occupying the lowest rank of the nobility?

baron

1 5

What is the usual kenning for the wife of the U.S. president?

first lady

BONUS

1 1

The western part of the big island of Tierra del Fuego belongs to what country?

Chile

1 2

What is the unit of refractive power of a lens?

diopter

1 3

Which of the many moons of Saturn was named for a Greek god with a human torso and head but with the legs, horns, and ears of a goat?

Pan

1 4

Donations made to a specific candidate's campaign and regulated by the Federal Election Commission are known as what kind of money?

hard money

1 5

What is the present perfect of the verb, "to dream"?

am (are) dreaming

Bellevue University High School Quiz Bowl - 2015

Round Number 8

TOSS-UP

1 6

These are variations of what characteristic of plant leaves?

✓
toothed, serrate, dentate, crenate

leaf margins (edges)

1 7

The wampus cat of American folklore is supposed to be an especially fearsome creature resembling what feline?

A

cougar (mountain lion)

1 8

What acid is used to synthesize ammonium nitrate for fertilizers and in the manufacture of explosives, dyes, and pharmaceuticals?

W

nitric acid

1 9

Astronomers can see phenomena called granules on the surface of which body in the solar system?

W

Sun

2 0

The power shared by state and federal courts to hear certain cases is known as what kind of jurisdiction?

W

concurrent jurisdiction

BONUS

1 6

In 1943, American forces under what U.S. general entered the Sicilian town of Messina a few hours before British troops commanded by Bernard Montgomery arrived there?

George Patton

1 7

What structures in the body are affected by vascular disorders?

A

blood vessels (arteries, veins, capillaries)

1 8

South Georgia and the South Sandwich Islands consist of a main island and several smaller ones in the South Atlantic. They are a territory of what European country?

W

United Kingdom (Great Britain)

1 9

How should this misstated proverb end?
You are biting the hand that rocks the cradle.

W

that feeds you

2 0

What traditional ceremony is central to Mozart's opera about Figaro?

✓

wedding

Bellevue University High School Quiz Bowl - 2015

Round Number 8

TOSS-UP

2 1

The famous flight of the Enola Gay began on what island in the northern Marianas?

✓

2 2

What is the name for larger masses of molten rock globs ejected during a volcanic eruption that harden before they reach the ground?

W

2 3

As a result of a treaty with Great Britain and Germany, the U.S. acquired what Pacific Island in 1899?

✓

2 4

Beneath what ocean are the Mascarene, Comoro, Ceylon, Perth, Oman, and Somali plains?

W

2 5

What are both values for the fourth roots of 10,000?

A

BONUS

2 1

This Latin phrase about a star indicates what ordinal number?
stella quarta decima

2 2

What period of the Paleozoic era is named after the Roman name for Wales?

✓

2 3

As of 2015, many sportscasters said what team had made "the worst play call in the history of professional football"?

volcanic bombs

Cambrian

American Samoa

Seattle Seahawks

2 4

What kind of devices are these from various science fiction tales?

Joymaker

WOPR

KITT

Multivac

GWB-666

HAL 9000

✓

Indian Ocean

computers

2 5

What was Franklin Roosevelt referring to with these words?

... nameless, unreasoning, unjustified
terror which paralyzes needed efforts
to convert retreat into advance.

✓

10 and -10

fear (fear itself)

Bellevue University High School Quiz Bowl - 2015

Round Number 8

TOSS-UP

BONUS

2 6

The integration of the armed forces under Harry Truman and the desegregation of public schools under Dwight Eisenhower were accomplished through what kind of presidential action?

W

executive order

2 7

In plants, themonasty is a response to what?

W

temperature (heat)

2 8

In World War II, what kind of naval weapon was referred to as an ash can?

/

depth charge

2 9

This is an example of what kind of inscription?

Sleep after toyle,
port after stormie seas,

Ease after warre,
death after life, does greatly please

/

epitaph

3 0

What is another name for the antielectron?

W

positron (positive electron)

2 6

What river forms a large part of the Laotian border with Thailand?

W

Mekong River

2 7

Dennis drove for 99 minutes at an average speed of 66 miles per hour. To the nearest mile, how far did he drive?

/

109 miles

2 8

Before it was stolen by the Nazis, Jan van Eyck's "Ghent Altarpiece" had been the property of a cathedral in what country?

Belgium

2 9

When was four score and seven years before Lincoln gave his Gettysburg Address?

1776

3 0

A brown dwarf is an astronomical body with a mass too small to have what kind of nuclear reaction occur at its core?

W

fusion

Bellevue University High School Quiz Bowl - 2015

Round Number 8

TOSS-UP

3 1

What is the term for an accumulation of pus in an enclosed tissue space?

A

3 2

What was the title of those monks who worked in scriptoriums?

A

3 3

What is the term for half the length of the major axis of an ellipse?

/

3 4

What British lord was prime minister at the time of the Boston Massacre and when the Tea Act and the Intolerable Acts were imposed on the American colonies?

A

3 5

In 2014, Lois Lerner was held in contempt for refusing to testify at a congressional hearing about her job at what federal agency?

A

IRS (Internal Revenue Service)

BONUS

3 1

The females of what order of mammals have mammary glands in their pouches?

A

3 2

All property held by an individual, excluding real estate, is known as what kind of property?

/

3 3

When Mark Twain visited Angels Camp, a gold mining town in California, he heard about a local contest there that he turned into a famous story. It involved what kind of vertebrates?

3 4

What little European country has the world's shortest coastline?

A

3 5

The court may demand, as part or all of a sentence, that an offender perform some useful work for the benefit of the public or its institutions. Name this form of punishment.

A

community service

abscess

marsupials (Marsupialia)

scribes (scriveners)

personal property

semi-major axis

frogs

Lord North

Monaco

Bellevue University High School Quiz Bowl - 2015

Round Number 8

TOSS-UP

BONUS

3 6

Rene Levesque led an unsuccessful separatist campaign in what Canadian province?

Quebec

3 7

The large and small Magellanic clouds may be regarded as satellites of what larger galaxy?

Milky Way

3 8

Determine the slope of this line.
 $4x = -3y + 8$

- 4 / 3

3 9

"October Sky" is a movie based on a memoir by Homer Hickam. Interestingly, the movie title is an anagram for the original title of the book. Complete the title of that work.
Rocket ...

Boys

4 0

What substance processed from wheat, barley, or rye gives elasticity to dough and a chewy texture to the final product?

gluten

3 6

What is the common name for the kind of water that leads to the buildup of limescale in pumps and interferes with the action of soaps?

hard water

3 7

In "The Phantom of the Opera," what is the name of the man behind the mask who teaches Christine to sing?

Erik

3 8

In the Teapot Dome scandal, Secretary of the Interior Albert Fall was convicted of accepting bribes from companies that produced what commodity?

petroleum (oil)

3 9

What long-running Broadway musical included these numbers?

To Life

Miracle of Miracles

Sunrise, Sunset

Now I Have Everything

Far from the Home I Love

If I Were a Rich Man

Fiddler on the Roof

4 0

Nassau is the largest port city of what island country?

Bahamas

Bellevue University High School Quiz Bowl - 2015

Round Number 8

TOSS-UP

BONUS

4 1

In addition to the deductible, what is the term in insurance plans for the fixed amount you pay for a covered health-care service each time the service is received?

copayment

4 2

What is another term for the y coordinate?

4 1

What was the collective name for the rebel groups that opposed the Sandinista government in Nicaragua during the 1980s?

Contras

4 2

This is from what Edgar Allan Poe short story?
I had scarcely laid the first tier of the masonry when I discovered that the intoxication of Fortunato had in a great measure worn off.

ordinate

4 3

A 3-kilogram object placed at a height of .45 meters has how much potential energy?

The Cask of Amontillado

4 3

What American army officer was one of California's first two U.S. senators, the first-ever Republican presidential candidate, and a territorial governor of Arizona?

13.2 joules

4 4

These are among the twelve constellations in what family of constellations?
Gemini, Scorpio, Aquarius, Taurus, Aries

John C. Fremont

4 4

What is the term for two words that have different meanings, different pronunciations, but the same spelling?

Zodiac family

4 5

The only break in the British hereditary line from 1066 to the present was a 17th-century dictatorship led by whom?

heteronyms

4 5

The burning of an American flag or the wearing of a black armband in a political protest are examples of symbolic speech, actions which are protected under what constitutional amendment?

Oliver Cromwell

1st Amendment

Bellevue University High School Quiz Bowl - 2015

Round Number 8

TOSS-UP

BONUS

4 6

In the evolution of animals, name the process that led to the concentration of nervous tissue at the head end of the body.

cephalization

4 7

What colonial leader is credited with building Fort Frederica between 1736 and 1748 in the British colony of Georgia?

James Oglethorpe

4 8

Wave steepness is the ratio of height to what?

wavelength

4 9

During what period in European history were these art techniques first developed?
perspective, foreshortening,
sfumato, chiaroscuro

Renaissance

5 0

Who in 1926 named Floyd Bennett as his pilot in an attempt to reach the North Pole by air?

Richard Byrd

4 6

What fictional detective occasionally employed a group of young boys "to go everywhere, see everything, and overhear everyone" in London?

Sherlock Holmes

4 7

The formula, $360 \text{ degrees} - x$, is used to find the reference angle for any angle in which quadrant?

quadrant IV

4 8

After the 1947 partition of India, the Punjab region was divided between India and what other country?

Pakistan

4 9

The pressure in a vortex is lowest along what imaginary line about which the vortex is rotating?

axis

5 0

What kind of phrases begin each of the first lines of the song, "The Impossible Dream"?

infinite phrases

Bellevue University High School Quiz Bowl - 2015

Round Number 9

TOSS-UP

1

What is the abundance of the number 12?

2

It is about 75 miles long, 1300 feet deep, and nearly a mile wide at its widest point. This valley on the lunar surface is called what rille?

Hadley Rille (Rima Hadley)

3

What has happened to a thyroid gland or an appendix that has been ablated?

It has been removed.

4

What is the legal term for a solemn declaration that something is true?

affirmation

5

What volcano, active for the past 2000 years and named "the Lighthouse of the Mediterranean," is located in the Tyrrhenian Sea north of Sicily?

Stromboli

BONUS

1

What literary technique is used in these lines?
Lennie is big and dumb. He loves soft things and animals, which he accidentally kills because of his strength.

4

characterization

2

What city in Kansas, where Bat Masterson and Wyatt Earp were once deputies, earned the nickname, "Queen of the Cowtowns"?

Dodge City

3

What two-word phrase refers to the set of all genetic information in a population of a particular species?

gene pool

4

The two natural disasters that have caused the greatest numbers of deaths since 1900 were caused by an earthquake and a flood in what country?

China

5

What is another name for the poetic meter called septenary?

heptameter

Bellevue University High School Quiz Bowl - 2015

Round Number 9

TOSS-UP

6

The square root of 45 equals how many times the square root of 5?

NB

7

Helium burning is the stage in a star's life during which the star fuses helium into what element with an atomic number of six?

NB

8

It takes the Sun and our entire solar system about 225 million years to complete an orbit around the center of the Milky Way. This period constitutes what kind of year?

W

cosmic year (or galactic year)

9

In 1847, what European country crushed the resistance in Tahiti?

NB

France

10

If $f(x) = 3x$, what is $f(10y)$?

NB

30y

BONUS

6

In the largest amphibious assault in the Pacific Theater during World War II, the Allies suffered more than 14,000 deaths and a total of some 65,000 casualties in a battle that lasted 82 days. This battle was fought on what Japanese island?

/

Okinawa

7

What category of words complete the pairs of lines in this poem?

I'm not trying to be mean
But what do these words mean?
Like when the roar of the bear
Is too loud for me to bear,
And when the monkeys swing
From a vine like a swing.

/

homographs (or homonyms or heteronyms)

8

The welfare state is financed through redistributionist taxation, based on larger income taxes for people with higher incomes. What is the term for this kind of tax structure?

W

progressive tax

9

Temporary traffic control zones and detour signs typically have black lettering on what background color?

NE

orange

10

From what point of view are these stories told?

-Pride and Prejudice
-The Scarlet Letter
-1984

NE

third person

Bellevue University High School Quiz Bowl - 2015

Round Number 9

TOSS-UP

1 1

The religious doctrines of the Pilgrims and Puritans who migrated to America were based on the ideas of what French Protestant leader and reformer?

W

John Calvin

1 2

In the wake of America's U.N. ambassador's public claim that Bowe Bergdahl had served "with honor and distinction," several members of his platoon concurred that Sergeant Bergdahl had committed what military offense that led to his capture in Afghanistan?

NE

desertion

1 3

What is the northernmost capital city in South America?

✓

Caracas

1 4

This is part of the epilogue from what British novel?

Twelve voices were shouting in anger, and they were all alike. No question, now, what had happened to the faces of the pigs. The creatures outside looked from pig to man, and from man to pig, and from pig to man again; but already it was impossible to say which was which.

NE

Animal Farm

1 5

What kind of cells found throughout the body do not undergo cell division?

W

neurons

BONUS

1 1

Featuring instrumental representations of a young man and his grandfather, a bird, cat, wolf, and duck, what work by Sergei Prokofiev was created to cultivate "musical tastes in children from the first years of school"?

✓

Peter and the Wolf

1 2

In a certain circuit, five lights are glowing brightly while two are burned out. What kind of circuit is this?

✓

parallel circuit

1 3

Those who would surreptitiously undermine an organization or state from within are called a fifth what?

1 4

In your piggy bank, you have \$6.60 in quarters, dimes, and nickels. If there are three times as many nickels as quarters and there are four less dimes than the number of nickels, how many quarters are there?

✓

column

10

1 5

Chief Joseph was the leader of the Wallowa band of what Indian tribe?

✓

Nez Perce

Bellevue University High School Quiz Bowl - 2015

Round Number 9

TOSS-UP

1 6

Physicians have a responsibility to make patients aware of known risks of a procedure or course of treatment. This is called the duty of informed what?

NE

consent

1 7

It is much less likely for there to be a female member of which house of the British Parliament?

W

House of Lords

1 8

In Richard Matheson's novel, "I Am Legend," the world is overrun by what kind of creatures?

NE

vampires

1 9

What is the median for this set of values?
9, 8, 6, 6, 5, 5, 5, 3, 2, 2

W

2 0

What country that is adjacent to the Atlantic lies between South Africa and Angola?

NE

Namibia

BONUS

1 6

What topographical attribute of slopes is generally expressed by a ratio of height versus distance or as a percentage of an angular measure from the horizontal?

/

gradient

1 7

During the War of the Spanish Succession, Britain took Gibraltar and Minorca from what country?

W

Spain

1 8

What grammatical mood is used in this statement?
If people behaved like governments,
you'd call the cops.

NE

subjunctive mood

1 9

A member of the Committee of Five selected to draft the Declaration of Independence, this Connecticut patriot was Roger who?

W

Sherman

2 0

Chemically speaking, what is the antonym of aromatic?

/

aliphatic

Bellevue University High School Quiz Bowl - 2015

Round Number 9

TOSS-UP

2 1

What orchestral suite by Aaron Copland is named for the region that includes Mt. Katahdin, Mt. Washington, the Green Mountains, the Blue Ridge Mountains, and the Great Smoky Mountains?

NE

Appalachian Spring

2 2

Palm leaves are either "feather-leaved," in which case they are pinnate, or "fan-leaved," in which case they are ...

/

palmate

2 3

What famous speech was the inspiration for the title of William Faulkner's story, "Shall Not Perish"?

W

Gettysburg Address

2 4

What is the cofunction of $\sec(90 \text{ degrees} - x)$?

/

2 5

Many examples of what kind of "asm" are evident in this passage?

I needed a new beginning, so I decided to pay a social visit to a personal friend with whom I share the same mutual objectives and who is one of the most unique individuals I have ever personally met.

pleonasm

/

BONUS

2 1

What category of minerals that make up about 95% of Earth's crust is composed of oxygen, silicon, and one or more other elements?

/

silicates

2 2

The Eritrean War of Independence was fought between Eritrean separatists and what country?

Ethiopia

2 3

A novel entitled "Go Set a Watchman" was discovered and published in 2015. Its author was what Pulitzer Prize-winning woman who was previously known for only a single novel?

W

Harper Lee

2 4

In what business were these people involved? Joseph McCoy, Elizabeth Collins, Nat Love, Charles Goodnight, Jesse Chisholm

cattle

2 5

A manometer is used for measuring what characteristic of gases?

pressure

Bellevue University High School Quiz Bowl - 2015

Round Number 9

TOSS-UP

BONUS

2 6

Name the point during a stressful situation at which a person can endure no more.

W

breaking point

2 7

What kind of legislative resolution allows an agency to function on the basis of appropriations made the previous year?

/

continuing resolution

2 8

George McGovern, who vigorously opposed the Vietnam War, nevertheless signed what 1964 resolution that was essentially an unfettered authorization for President Johnson to escalate American involvement in Southeast Asia?

/

Tonkin Gulf Resolution

2 9

The Washington Monument is 555 feet high. To the nearest whole number, convert that height to meters.

/

3 0

In what capital city is the Chiang Kai-shek Memorial Hall located?

/

Taipei

2 6

What country is associated with these rulers?
Ruhollah Khomeini, Ayatollah Ali Khamenei

W

Iran

2 7

The hypotenuse of a right triangle is 10 centimeters and one leg is 5 centimeters. The length of the other leg is how many times the square root of 3?

2 8

This is a haiku version of what story by Arthur Conan Doyle?

All family cursed -
fake beards; foggy moors; and a
phosphorescent dog.

The Hound of the Baskervilles

2 9

In the cuticle of arthropods, what structure is formed by the complex carbohydrate chitin?

exoskeleton

3 0

How many points are there on the compass rose depicted on the NATO flag?

4

Bellevue University High School Quiz Bowl - 2015

Round Number 9

TOSS-UP

3 1

Which planet in our solar system has the lowest average density?

NE

3 2

Name the structure used to steer an airship.

NE

3 3

What company produced the canned foods that Andy Warhol depicted in a series of paintings?

3 4

What war between 1337 and 1453 was actually a series of European wars fought for the same reasons, with several lengthy ceasefires?

3 5

Name the kind of dose that results from repeated exposures of radiation to the same region of the body or to the entire body over a period of time.

BONUS

3 1

What is the infinitive form of the first irregular verb in the Declaration of Independence?

3 2

What geopolitical theory did President Eisenhower promote when he said this?

If Indochina goes, the Malay Peninsula would be scarcely defensible. One by one, other Asian nations would be toppled. Somewhere along the line, communism must be blocked and blocked now.

NE

3 3

Tiger bought a new golf cart for \$24,000, and took out a 5-year loan at 6.5% simple annual interest. When the loan is finally paid off, what is the total amount he will have paid for the cart?

3 4

What kind of sovereignty is closely associated with social contract philosophers such as Jean-Jacques Rousseau, John Locke, and Thomas Hobbes?

3 5

What kind of "trophy" take in autotrophs as their food?

Saturn

to become

rudder

domino theory

Campbell's Soup

\$31,800

Hundred Years' War

popular sovereignty

cumulative dose

heterotrophs

Bellevue University High School Quiz Bowl - 2015

Round Number 9

TOSS-UP

BONUS

3 6

In a university, what is the title of the head of a college or division?

3 6

Dravidian was once the aboriginal tongue of what subcontinent?

dean

India

3 7

In what landmark 1857 Supreme Court decision did the court find that Congress did not have the power to regulate slavery in the states and that African Americans could not be citizens?

3 7

What is the cube of $-3(x^2)$?

Dred Scott (v. Sandford)

$-27(x^6)$

3 8

What country borders both the Black Sea and Syria?

3 8

The angle between a sail's chord and the direction of the wind is called the angle of what?

Turkey

attack

3 9

Name the early 19th-century English artisans who protested the growing use of textile technology such as stocking frames, power looms, and spinning frames by destroying them.

3 9

The parallax motion of the star 61 Cygni that was observed in 1838 became conclusive proof that what theory advanced by Nicolaus Copernicus was correct?

Luddites

heliocentric theory

4 0

What is the usual kenning for a football that has to do with swine?

4 0

What kind of federal financial grants are given to state and local governments for general use in broad programs?

pigskin

block grants

Bellevue University High School Quiz Bowl - 2015

Round Number 9

TOSS-UP

BONUS

4 1

What 19th-century U.S. president avoided another war with Britain by agreeing to establish the northern boundary of the Oregon Country at the 49th parallel?

James Polk

4 2

What are all of the participles in this line?
Kicking and screaming, the congressman asserted that he was not guilty of defrauding his constituents or living beyond his means.

kicking, screaming

4 3

What tall structure in Washington D.C. best illustrates the Egyptian revival style?

Washington Monument

4 4

If you flew due east from Russia's Kolyma Mountains, what is the first sea you would see?

Bering Sea

4 5

What figure of speech is used in this example?
Ingratitude! thou marble-hearted fiend,
More hideous when thou show'st thee in a child
Than the sea monster.

apostrophe

4 1

Evaluate $3p-q$ if $p = -4/5$ and $q = 7/10$.

-3 1/10

4 2

What process that takes about 20 minutes to complete consists of the physical and chemical changes in your eyes that enable them to function better in an environment with little light?

dark adaptation

4 3

In the Easter Uprising of 1916, the Irish Republican Brotherhood staged an armed rebellion against the control of Ireland by what country?

Great Britain

4 4

What kind of colloid is illustrated by pigmented ink or blood?

sol

4 5

What is the first name of the American critic of British colonial taxation about whom John Adams wrote this after he was killed by lightning?

I never saw such an object of admiration, reverence, contempt, and compassion, all at one, as this. I fear, I tremble, I mourn, for the man and his country. Many others mourn over him, with tears in their eyes. Poor Otis!

James

Bellevue University High School Quiz Bowl - 2015

Round Number 9

TOSS-UP

4 6

A rectangular field has a length 10 meters greater than its width. Given that the area of the field is 264 square meters, what are its dimensions?

width = 12, length = 22

4 7

The fabled "rose red city" of Petra was carved into the side of the Wadi Musa canyon in the southern part of what present-day country whose capital is Amman?

Jordan

4 8

What is the first word in the poem, "Casey at the Bat," that includes a diphthong?

outlook

4 9

President Andrew Johnson issued what kind of general pardon to most Confederates who would vow loyalty to the United States?

amnesty

5 0

How did Gabriel Prosser, Nat Turner, and Denmark Vesey die?

They were hanged (executed).

BONUS

4 6

While the axial tilt of Earth is 23.45 degrees, what planet has an axial tilt of 97.9 degrees?

Uranus

4 7

What symptom related to spatial perception and stability is associated with disequilibrium, presyncope, and vertigo?

dizziness

4 8

What flowering monocots, mostly restricted to tropical, subtropical, and warm temperate climates, are often distinguished by their long, compound, evergreen leaves arranged at the top of a single, tall, unbranched stem?

palms

4 9

Within minutes of the new Congress taking their oaths of office, the president announced he would veto what energy project if the legislation makes it to his desk?

Keystone Pipeline

5 0

What are the first few words of the extended metaphor in Shakespeare's "As You Like It," that includes this line?

And one man in his time plays many parts.

All the world's a stage

Bellevue University High School Quiz Bowl - 2015

Round Number 10

TOSS-UP

BONUS

1

What regular geometric solid has lateral faces that are parallelograms and two equally sized faces called bases?

prism

2

Joseph Stalin mistakenly assumed that Hitler would not attack the U.S.S.R. until what country had been subdued?

United Kingdom (England, Great Britain)

3

The Pumice Desert in Oregon is the result of an ash flow from an eruption of what volcano that collapsed to form the Crater Lake caldera?

Mt. Mazama

4

What kind of tropism is illustrated by a plant root growing in air and bending toward an area of higher relative humidity?

hydrotropism

5

What kind of wars involving grazing rights included famous conflicts in Lincoln County, Pleasant Valley, Mason County, and Johnson County?

range wars

1

What is the term for a set of eight valence electrons?

octet

2

In 2014, the Supreme Court ruled unanimously that President Obama had gone too far in making what kind of an appointment during a three-day period when the Senate was not in session?

recess (recess appointments)

3

What phrase describes the period of least solar activity such as prominences, sunspots, and flares?

solar minimum

4

What adjective based on the name of a Germanic people indicates the style of fiction presented in these works?

The Turn of the Screw

Northanger Abbey

The Fall of the House of Usher

Dracula

gothic

5

What is the term for the slant height of one of a regular pyramid's lateral faces?

apothem

Bellevue University High School Quiz Bowl - 2015

Round Number 10

TOSS-UP

BONUS

6

How did Rene Descartes express this thought?
One cannot trick a non-existent being into thinking it exists when it doesn't.

6

These words were borrowed from what language?
streusel, pumpernickel, kohlrabi, delicatessen

I think, therefore I am.

German

7

Into what kind of tissue are intraosseous drugs injected?

7

In 1520, forces under Hernando Cortes had to fight their way out of Tenochtitlan when what native people of the city revolted?

bone marrow (bone)

Aztec

8

In a superconducting magnet, the coils are usually bathed in what liquid to significantly decrease electrical resistance?

8

In a credit arrangement, what is the phrase for the lowest amount that a borrower must pay each month toward the outstanding balance to avoid a penalty?

helium

minimum payment

9

What literary technique is illustrated in these examples?

-In "Romeo and Juliet," Romeo's efforts to save Mercutio from Tybalt's sword lead to Mercutio's death.

-In "The Matrix", Neo must learn he is not the One in order to become the One.

9

What facility in the state of Washington is probably the most contaminated nuclear site in the U.S.?

irony

Hanford

10

If one exterior angle of a regular polygon measures 20 degrees, how many sides does it have?

10

Most of the mountains in the lower 48 states that receive the greatest amount of annual precipitation are in what national park?

Bellevue University High School Quiz Bowl - 2015

Round Number 10

TOSS-UP

1 1

What is the term for a virus that infects bacteria?

bacteriophage

1 2

How is the infinitive used in this example?
Probably the most important thing in life is to fish.

complement

1 3

With the Gregorian calendar, what kind of year has these attributes?

- The year must be evenly divisible by four.
- The year cannot be divided by 100 unless it is also divisible by 400.

leap year

1 4

You flip a coin ten times. What is the probability that you will get exactly seven tails and three heads?

15/128

1 5

Name the space over a theater stage that contains the overhead lighting and drop curtains.

flies

BONUS

1 1

In 1799, after conquering Italy and invading Egypt, who returned to Paris, staged a coup d'etat, and established himself as First Consul?

Napoleon

1 2

Evidence has recently surfaced that what heavenly body was created when Theia, another planet in our solar system, crashed into Earth billions of years ago?

Moon

1 3

What "ism" applies to many of the words and phrases in this passage by John Keats?

Approuchen thee full dolourouse
For sooth to sain from everich house
Be it in city or village
Wol come the Phantom and image
Of ilka gent and ilka carle
Whom colde Deathe hat in parle.

archaism

1 4

What is the term for an insoluble material that forms from substances dissolved in a solution?

precipitate

1 5

What Jesuit-trained Mexican priest was a leader in the Mexican War of Independence?

Miguel Hidalgo

Bellevue University High School Quiz Bowl - 2015

Round Number 10

TOSS-UP

1 6

While the emperor of Japan has primarily ceremonial duties, what is the title of the Japanese official with the greatest political power and authority?

prime minister

1 7

What is the English name for the region known in Germany as "der Schwarzwald"?

Black Forest

1 8

If $f(x)$ equals $(11 \text{ to the } x \text{ power}) \text{ plus } 1$, then what is $f(2)$?

BONUS

1 6

Name the Greek goddess from whose name the term for a remedy for all diseases was derived.

Panacea

1 7

What three-syllable metrical foot is illustrated in these words?

glycerin, notable, scorpion, parable, tedious

dactyl

1 8

What member of President Lincoln's cabinet bore significant facial scars after surviving an assassination attempt?

William Seward

1 9

What kind of nicknames are illustrated in these examples?

Cow-eyed Hera

Odysseus the man of many wiles

Artemis the Arrow-Showering

Tyche of Antioch

Poseidon the bull of the sea

Sodium hydroxide pellets dissolve just from the water vapor in the air. What adjective describes compounds capable of absorbing moisture from air?

hygroscopic

2 0

Bufo toxins are toxins named for what kind of amphibians that secrete them?

What Norwegian president who ended up being executed by a firing squad was described as the Hitler of Norway?

toads

Vidkun Quisling

Bellevue University High School Quiz Bowl - 2015

Round Number 10

TOSS-UP

2 1

Lidar is a type of radar that uses what kind of light to provide information on the Earth's atmospheric winds?

BONUS

2 1

A government's adjustment of the value of its own currency so that it buys less of foreign currencies than before is called what?

laser

(currency) devaluation

2 2

When John Andre was executed for espionage during the American Revolution, what co-conspirator and former American general escaped and eventually lived the rest of his life in Britain?

2 2

From the sum of a number and half the number you subtract 20 and find that the remainder is 1/4th of the original number. What was the original number?

Benedict Arnold

16

2 3

What fairly common condition that occurs mainly in the legs of middle-aged to elderly people is often treated with exercise, elevating the legs, elastic stockings, or with medications that cause veins to shrink?

2 3

In 2015, the man intentionally burned alive by ISIL terrorists was a pilot from what country?

varicose veins

Jordan

2 4

Name the Australian national park at the site of Captain Cook's landing in 1770 where he collected many varieties of plant specimens.

2 4

The northeasternmost desert of Egypt is located on what peninsula?

Botany Bay National Park

Sinai Peninsula

2 5

How is the first word used in this sentence?
Squealing with delight, the pigs were thrilled to show that they were more equal than the other animals.

2 5

These are characters from what musical based on what English novel?

Mr. and Mrs. Sowerberry and their daughter,
Charlotte
Mrs. Bedwin
Dr. Grimwig
Mrs. Corney
Mr. Bumble
Mr. Brownlow

participle

Oliver Twist

Bellevue University High School Quiz Bowl - 2015

Round Number 10

TOSS-UP

BONUS

2 6

760 Torr equal how many atmospheres of pressure?

2 6

According to Emily Dickinson, who "kindly stopped for me"?

2 7

The two bases of a trapezoid are 60 and 40 centimeters. If it is 30 centimeters high, what is its area?

1

Death

2 7

What emperor, who codified Roman law, rebuilt the Pantheon, and established a postal system, is mainly remembered for a lengthy wall in Britannia?

150 square centimeters

Hadrian

2 8

In plant grafting, what is the term for the plant selected for its roots?

2 8

CMB is the abbreviation for cosmic background radiation. This is the ubiquitous radiation that remains from what primeval explosion?

stock (rootstock)

big bang

2 9

Name any century regarded as part of the Viking Age in Europe.

2 9

What is the legislative equivalent of a criminal indictment?

8th, 9th, 10th, or 11th

impeachment

3 0

Max owns an old house that might sell for \$80,000 on a good day. He takes out an insurance policy on it for \$250,000 and then, a few weeks later, torches the place. He is guilty of both arson and what other crime?

3 0

These books are set in what country?
Topaz
Red Rumba
Skeleton Key
The Old Man and the Sea

insurance fraud

Cuba

Bellevue University High School Quiz Bowl - 2015

Round Number 10

TOSS-UP

3 1

The Titanic lies at the bottom of the Atlantic at a depth of about 12,414 feet. That is a depth of how many fathoms?

3 2

The capitals of how many African countries are adjacent to the Mediterranean?

3 3

In 1933, a British newspaper reported an account of a couple who claimed to have seen "an enormous animal rolling and plunging on the surface" of a certain lake in Scotland. Name this legendary creature.

3 4

Geologically speaking, what composes ergs?

3 5

In Hawthorne's story, "The Birth-Mark," what happens to the beautiful Georgiana shortly after she drinks the potion made by her scientist husband?

(the birthmark fades) she dies

BONUS

3 1

What kind of attack vessels were most heavily used by the Germans in the Battle of the Atlantic?

3 2

How is this proverb usually expressed?
The estimated worth of an avian specimen is inversely proportionate to its distance from its owner's metacarpus.

3 3

What organic acid occurs naturally in ant venom?

3 4

A study published in 2014 indicated that habitual use of marijuana apparently affects the shape and quality of what gametes?

3 5

In the 19th century, the Half-Breeds and the Stalwarts were factions of what political party?

submarines

A bird in the hand is worth two in the bush.

formic acid

sand

sperm

Republican

Bellevue University High School Quiz Bowl - 2015

Round Number 10

TOSS-UP

3 6

Given that the weight of a bushel of corn is about 56 pounds, if you planted 120 acres and get 175 bushels per acre, about how many tons of corn can you expect to harvest?

BONUS

3 6

What "ism" is largely based on beliefs that spirits exist in, among many other things, animals, plants, rocks, seas, thunder, mountains, and rivers?

588

animism

3 7

Cost-push inflation is caused by rising costs of production. What corresponding kind of inflation is caused by increasing demand?

3 7

In 1943, Adolf Hitler ordered SS Captain Otto Skorzeny to command Operation Oak and rescue what prime minister being held under house arrest in the Alps?

demand-pull inflation

Benito Mussolini

3 8

What punctuation mark is called for by compound adjectives?

3 8

What is the name for either the upper or lower part of a bird's beak or bill?

hyphen

mandible

3 9

Name the largest Pacific island northeast of New Zealand and nearly adjacent to North America.

3 9

Sounding like a means of mass transportation, what is the term for the trail of glowing dust and gas left behind a large meteor as it falls through Earth's atmosphere?

Vancouver Island

train (meteor train, smoke train)

4 0

What is the three-letter abbreviation for the U.S. New Deal program that gave jobs to thousands of young American in reforestation, flood control, park improvement, and road construction in remote areas?

4 0

What happens to a pyrophoric solid such as powdered potassium when it is exposed to air at normal room temperature?

CCC

It catches fire.

Bellevue University High School Quiz Bowl - 2015

Round Number 10

TOSS-UP

4 1

While animals that primarily eat fruits are frugivores and animals that feed on plants are herbivores, what category of carnivores primarily consume fish?

piscivores

4 2

The flag of the Soviet Union depicted what two tools?

hammer, sickle

4 3

These names are examples of what special kind of wordplay?

Lon Nol
Nisio Isin
Robert Trebor
Stanley Yelnats

palindromes

4 4

Many bee stings release what category of chemicals that motivate other nearby bees to attack?

pheromones

4 5

According to Ohm's law, the voltage across a resistor equals the product of the current and what else?

the resistance

BONUS

4 1

What galaxy also known as M31 and NGC 224 is the closest major galaxy to the Milky Way?

Andromeda

4 2

In the U.S., personnel in what organization traditionally serve "one weekend a month, two weeks a year"?

National Guard

4 3

These were events in the history of what U.S. city?
the Eastland Disaster
a fire in 1871
the 1968 Democratic National Convention
the opening of Sears Tower in 1973

Chicago

4 4

Formerly called consumption, what is the modern name for this infectious disease characterized by the formation of tubercles on the lungs?

tuberculosis

4 5

Higher than Niagara Falls and sometimes called the "Niagara of the West," identify these spectacular Idaho waterfalls on the Snake River named for a Native American people?

Shoshone Falls

Bellevue University High School Quiz Bowl - 2015

Round Number 10

TOSS-UP

BONUS

4 6

What is the function of the noun clause in this example?

For some reason, he expects that the snow will end by tomorrow.

direct object

4 7

According to your Miranda rights, anything you say when arrested can be used where?

4 6

Parts of the oil-rich Bakken formation are beneath two Canadian provinces. Name either.

Saskatchewan, Manitoba

4 7

Combining elements of cubism and futurism, complete the title of this famous work by Marcel Duchamp.
Nude Descending ...

in court

4 8

What is improperly shifted in this sentence?
He caught the javelin and throws it back to the attacking Romans.

a Staircase

4 8

What British queen is associated with the defeat of the Spanish Armada?

shift in tense

4 9

The malpighian tubules of insects and green glands of crustaceans are similar in that both are involved in excretion, but have evolved differently. Therefore, instead of being homologous, these structures are described by what adjective?

Elizabeth I

4 9

Name a nonvolatile fossil fuel composed of nearly pure carbon.

analogous

5 0

The deepest continental rift on Earth is beneath what lake in Russia?

coal (anthracite)

5 0

Alaric, king of the Visigoths, sacked what great southern European city in the fifth century?

Lake Baikal

Rome

Bellevue University High School Quiz Bowl - 2015

Round Number 11

TOSS-UP

BONUS

- 1 sing exponential notation, express the factors of 216.
- 1 What 19th-century period in British literary history is named for the queen at the time?

(2 cubed)(3 cubed)

Victorian period

- 2 What was Priscilla Alden's maiden name?
- 2 Kazakhstan and Kyrgystan are two of the Asian countries that are landlocked and have names ending in "stan." Name any of the others.

Priscilla Mullins

Turkmenistan, Uzbekistan, Tajikistan

- 3 What is 8 to the 0.333 power?
- 3 What kind of spy spends years or even decades working into a position of responsibility in a government before providing intelligence to the foreign agency that originally recruited him?

2

mole

- 4 Estonia gained its independence in 1991 from what country?
- 4 What body system involves all of the following?
amylase, catabolism, peristalsis, gastric juice
pepsin, chyme

Soviet Union (U.S.S.R.)

digestive system

- 5 On an alphabetical list of the syllables sung in a solfeggio, which is last?
- 5 According to Shakespeare, these were what woman's last words?
With thy sharp teeth this knot intricate
Of life at once untie; poor venomous fool
Be angry, and dispatch.

ti

Cleopatra's

Bellevue University High School Quiz Bowl - 2015

Round Number 11

TOSS-UP

BONUS

6

These are examples of what general kind of materials?

fustian, taffeta, gabardine, chiffon, satin

textiles (fabrics, cloth)

7

A rare form of oxygen called oxygen-17 has how many neutrons in its nucleus?

6

In 1992, following an FBI tear gas attack, the Mount Carmel Center near Waco, Texas, became engulfed in flames, resulting in the deaths of 76 men, women, and children. These were all members of what religious group led by David Koresh?

Branch Davidians

7

Name any of the three U.S. national parks that are primarily known for their speleothems.

9

Carlsbad Caverns, Mammoth Cave, Wind Cave

8

What is the general term for organisms that do not require oxygen for survival and growth?

8

What adjective indicates a very thin bone fracture?

anaerobe (anaerobic organism)

hairline

9

When making a decision, the process of examining the merits and drawbacks of each alternative is called what kind of analysis?

9

When Iraq invaded Kuwait in 1990, the Kuwaiti government leaders and their families fled to what country?

cost-benefit analysis

Saudi Arabia

10

Many detective stories incorporate a form of foreshadowing that involves a misleading clue that distracts readers about future events. Such a wrong hint is known as what kind of fish?

10

Divide $\frac{1}{2}x$ by $\frac{6}{3}x$.

red herring

1/4

Bellevue University High School Quiz Bowl - 2015

Round Number 11

TOSS-UP

1 1

What is the nationality of most people living on the Kola Peninsula?

Russian

1 2

A redox reaction always involves a change in oxidation number for at least how many elements in the reactants?

1 3

Like Emile Zola, Georges Clemenceau supported what French officer who had been improperly convicted of treason and sent to Devil's Island?

Albert Dreyfus

1 4

The title of M. Scott Peck's book, "The Road Less Traveled" was inspired by the title of what Robert Frost poem?

The Road Not Taken

1 5

What is the literary term for an artificial, pretentious style of writing?

affectation

BONUS

1 1

In his Wheeling speech, the number was 205. A few days later in Utah, it was 57, and shortly afterwards in a Senate speech it was 81. Whatever the number, Joseph McCarthy claimed that these people were all members of or sympathizers for what political party?

Communist

1 2

What kind of court orders are often associated with restrictions on these behaviors?
stalking, harassment, patent infringement, trademark infringement, discrimination, copyright infringement, domestic violence

injunctions (temporary restraining orders)

1 3

According to the Bayer system, what Greek letter corresponds to the second brightest star in any constellation?

beta

1 4

What geometric object is produced if the eccentricity of a curve is infinite?

line

1 5

The Liberty Bell is actually the property of what American city?

Philadelphia

Bellevue University High School Quiz Bowl - 2015

Round Number 11

TOSS-UP

16

A mixture of equal parts of 2,4-D and 2,4,5-T was used as a defoliant during the Vietnam War and was given what name from the orange-striped barrels in which it was shipped?

Agent Orange

17

Located in Canada, what is the deepest lake in the Western Hemisphere?

Great Slave Lake

18

By their titles, you can determine that these are what kind of novels?

The Screwtape Letters
Letters from the Inside
Letters of Insurgents
The Beatrice Letters

epistolary novels

19

What is the name for a supermarket on a military base that sells groceries to personnel and their dependents?

commissary

20

What is the meaning of the root word in subjunctive, juncture, disjunction, and adjunct?

join

BONUS

16

Name the theatrical entertainment that was popular in the U.S. from the 1880s through the early 1930s, consisting of usually unrelated performances by dancers, comedians, singers, actors, magicians, trained animals, and musicians.

vaudeville

17

What were the journalists called who brought about the end of Standard Oil's monopoly of the oil industry, passage of the Pure Food and Drug Act of 1906, and the creation of the first child labor laws in the U.S.?

muckrakers

18

First, it was called "shell shock". Then, its name was changed to "battle fatigue" and then to "operational exhaustion". What is the current preferred name for this condition?

post traumatic stress disorder

19

What is the simplest angle that has a secant equal to 2?

60 degrees

20

From what category of elements are the exceptionally strong and permanent neodymium and samarium-cobalt magnets made?

rare earth elements

Bellevue University High School Quiz Bowl - 2015

Round Number 11

TOSS-UP

2 1

What term refers to a public relations technique that manipulates a news story in order to emphasize a particular political viewpoint?

2 2

What expletive is used ten times in the first ten lines of "A Tale of Two Cities"?

2 3

What is the apothem of a regular pentagon if each side is six meters?

2 4

In South America, over 4000 people live on a few dozen islets, which are artificial islands made of bundled reeds in what enormous lake?

2 5

A 2011 research paper proposed that the original singularity of the big bang might be an example of what kind of hole from which matter emerges?

BONUS

2 1

These are descriptions of what characteristic of certain minerals?

pyrite - isometric
quartz - hexagonal
gypsum - monoclinic
zircon - tetragonal

2 2

The Tamil Kingdoms developed in the southern part of what modern continental country?

2 3

In 2015, journalists reported that what controversial minister, civil rights activist, talk show host, and White House adviser owed some \$3.7 million in back federal taxes?

2 4

When he was apprehended, this resident of San Francisco disputed his reputation as an outlaw and said, "I am a gentleman." But soon Charles Bolton confessed to being what famous stagecoach robber?

2 5

What kind of gear system includes a flat straight bar with teeth that engage with the teeth of a rounded gear?

spin

crystal structure

it

India

4 meters

Al Sharpton

Titicaca

Black Bart

white hole

rack and pinion

Bellevue University High School Quiz Bowl - 2015

Round Number 11

TOSS-UP

BONUS

2 6

Edvard Grieg composed incidental music for the play, "Peer Gynt." Complete this title of one of his famous works used in that play.

In the Hall of the ...

2 6

There are two "Special Administrative Regions of the People's Republic of China." One is Hong Kong. Name the other.

Mountain King

Macao

2 7

According to the Latin phrase, "post tenebras lux," what comes after darkness?

2 7

How many dimensions are there in the world created by Edwin Abbott called "Flatland"?

light

2

2 8

In the vigesimal system, the base 20 counting system developed by the Mayans, the digits 20 are equal to what number in the decimal system?

2 8

The Resolute Desk in the White House Oval Office was a gift from what monarch?

40

Queen Victoria

2 9

Pterosaurs had hollow bones and what kind of specialized breastbone for the attachment of flight muscles?

2 9

Winds measuring some 1500 miles per hour, the strongest recorded winds in our solar system, were discovered by Voyager II in the region of the Great Dark Spot on what planet?

keeled

Neptune

3 0

To withdraw money using an automated teller machine, the customer must have a card encoded with a number to establish his or her identity. What is the abbreviation for that number?

3 0

The period of time between exposure to a disease and the onset of symptoms is known as what period?

PIN

latency period

Bellevue University High School Quiz Bowl - 2015

Round Number 11

TOSS-UP

3 1

France's shortest land border separates it from what principality?

Monaco

3 2

Evocative of an imperial color, the following is an example of what kind of prose?

Fans have been wallowing in liquor-soaked self-pity as the chill hand of failure gripped them by the neck and flung them mercilessly onto the scrapheap of broken dreams.

purple prose

3 3

The German-born physicist who helped the U.S. build its first atomic weapons passed atomic secrets, including blueprints of "Fat Man," to the Soviets. His name was Klaus who?

Fuchs

3 4

If 1/32 of a substance is still radioactive after 50 hours, what is its half-life?

5 hours

3 5

In 1815, there were days with no sunlight in the Northern Hemisphere and the worst famines of the 19th century thanks to the eruption of what Indonesian volcano?

Mount Tambora

BONUS

3 1

During the Cold War, U.S. scientists heard of polywater, a form of water supposedly created by the Soviets that had a higher density, viscosity, and boiling point than regular water. For a time, it was feared that this substance might be released and contaminate all the world's water, somewhat like what form of water in the novel, "Cat's Cradle"?

ice-nine

3 2

You are making a test for 29 eager scholars. You want each of them to get the same questions but in different order. What is the fewest number of questions that the test must contain?

3 3

These words came into English from what Asian language?

chutney, juggernaut, pundit, shampoo, thug

5

3 4

It is 120 miles wide and 12 miles deep. Name this crater adjacent to the Yucatan Peninsula that is probably the site of the meteorite impact that caused the extinction of the dinosaurs.

Hindi

Chicxulub

3 5

What is the municipal equivalent of a constitution?

charter

Bellevue University High School Quiz Bowl - 2015

Round Number 11

TOSS-UP

BONUS

3 6

Name the headgear adopted by the Ottoman Empire in the 19th century that is often made of red felt in the shape of a truncated cone with a tassel attached to the top.

3 6

John Wyndham created what fictitious, tall, mobile, carnivorous, three-legged, prolific, poisonous plants that communicate by drumming their three clatter sticks?

fez

triffids

3 7

In what category of polygons can a diagonal actually be outside the figure?

3 7

Which of the Earp brothers was murdered in 1882 by a member of the outlaw group known as the Cowboys?

concave polygon

Morgan

3 8

These people were just a few of the subjects of what prolific American portraitist?

John Adams
Martha Washington
Horatio Gates
John Jacob Astor
Thomas Jefferson
John Jay
James Madison

3 8

A solenoid consists of a tight coil of wire wrapped around a metallic core. Such a coil is an example of what kind of curve?

Gilbert Stuart

helix

3 9

Suggestive of a male bovine and an island in the North Atlantic, what is the name for these kinds of statements?

-Half the lies they tell me aren't true.
-Include me out.
-May you never live to see your wife a widow.
-If your parents didn't have any children,
neither will you.

3 9

During World War II, German U-boats enjoyed secure communications through the use of what top-secret machines ?

Irish bulls

Enigma machines

4 0

What name is missing in this allusion from "Fahrenheit 451"?

Do you know the legend of Hercules and ---,
the giant wrestler whose strength was
incredible so long as he stood firmly on
the earth?

4 0

Area 51 in Nevada is also known as what lake?

Antaeus

Groom Lake

Bellevue University High School Quiz Bowl - 2015

Round Number 11

TOSS-UP

BONUS

4 1

What kind of plane just touches the surface of a curved surface at a single point?

tangent plane

4 2

What anesthetic was most widely used to ease the pain of amputations during the Civil War?

chloroform

4 3

Guatemala's highlands lie between the North American and what other tectonic plate that underlies Central America and the Caribbean Sea?

Caribbean plate

4 4

What organization orchestrated the Cambodian genocide of the 1970s?

Khmer Rouge

4 5

On three tests, you earned these scores.

2q + 3

4q - 2

3q + 11

What was your average score?

3q + 4

4 1

The 17-year-old Jack London dropped out of college to join the 1897 gold rush in what region of the Yukon Territory?

Klondike

4 2

Serous glands secrete watery, protein-rich substances and mucous glands secrete viscous substances rich in carbohydrates. Also known as oil glands, what glands secrete lipid products?

sebaceous glands

4 3

What office set up by Congress evaluates the cost of legislative proposals?

Congressional Budget Office

4 4

What are the first two infinitives in the song, "The Impossible Dream"?

to dream, to fight

4 5

What Jesuit priest established 24 missions in Baja California, Sonora Mexico, and southern Arizona?

Eusebio Kino

Bellevue University High School Quiz Bowl - 2015

Round Number 11

TOSS-UP

4 6

What is the easternmost country on the Saudi Arabian peninsula?

BONUS

4 6

The prefix "thio-" indicates the replacement of oxygen in a compound by what element?

Oman

sulfur

4 7

Unlike a collage which uses similar kinds of materials, Robert Rauschenberg's "Canyon" consists of wood, nails, buttons, fabric, metal, cardboard, oil paint, photographs, and other found objects. What is the term for such a three-dimensional work?

4 7

According to what geological principle would a fossilized Neanderthal bone never be found in the same stratum as a fossilized brontosaurus?

assemblage

principle of faunal succession

4 8

Lasting from 1845 to 1872, the New Zealand Wars were fought between the New Zealand government and what indigenous people?

4 8

In what kind of water do anadromous fish spawn and reproduce?

Maori

fresh water

4 9

Similar to the term for a high rock face, name the plot device that develops a suspenseful situation at the end of a chapter or episode.

4 9

Name the pre-Columbian Native American culture of the Early Woodland period that was centered in Ohio, Indiana, Kentucky, Pennsylvania, West Virginia, and New York.

cliffhanger

Adena

5 0

"I fear to think I'm here" is an anagram for what famous philosophical statement by Descartes?

5 0

What equation provides the rule for this table?

x	f(x)
1	29
2	30
3	31
4	32

I think therefore I am.

f(x) = x + 28

Bellevue University High School Quiz Bowl - 2015

Round Number 12

TOSS-UP

1

The British victory in what World War II battle checked the advance of the German army into Egypt?

Battle of El Alamein

2

What is the cofunction of $\tan((\pi/2) - x)$?

cot x

3

In the Netherlands, Queens Wilhelmina, Juliana, and Beatrix have voluntarily given up their thrones so that their heirs could become monarchs sooner. What is the term for such voluntary relinquishing of power?

abdication

4

In the same year that John Hinckley attempted to assassinate the U.S. president, what woman was sworn in as a Supreme Court justice?

Sandra O'Connor

5

For what does "Antarctica" stand in this mnemonic about mitosis?

Idiotic penguins make Antarctica too cold.

anaphase

BONUS

1

Name the electrolytic process used to increase the thickness of the natural oxide layer on the surface of metal parts.

anodizing

2

In the 19th century, physicians widely used laudanum in their treatments for various maladies and injuries. Laudanum is a tincture of what narcotic?

opium

3

What figure of speech is used in these lines?

-I'm mighty glad Georgia waited till after Christmas before it seceded.
-The suits on Wall Street took our savings.
-The House was adjourned.
-Olga writes a fine hand.
-The White House took an about face today.

metonymy

4

To the nearest whole centimeter, what is the surface area of a regular tetrahedron with an edge of 5 centimeters?

43.3 square centimeters

5

What Russian island is closest to the United States?

Big Diomedes

Bellevue University High School Quiz Bowl - 2015

Round Number 12

TOSS-UP

6

What was the surname of the "Guy" indicated in this British nursery rhyme?

Remember, remember the fifth of November,
gunpowder, treason, and plot. I see no reason
why gunpowder treason should ever be forgot.

Fawkes

7

These astronauts were part of which Apollo mission?

Michael Collins, Buzz Aldrin, Neil Armstrong

Apollo 11

8

With a name calling to mind a historical region in the Czech Republic, people who pursue artistic interests and disregard conventional standards are called what?

bohemians

9

What building on the Acropolis stayed pretty much intact for over 2000 years until, in 1687, a mortar shell struck an Ottoman ammunition bunker inside it?

Parthenon

10

In parapsychology, what does the abbreviation NDE mean in relation to individuals who are revived after having been pronounced clinically dead?

near-death experience

BONUS

6

What kind of phrases modify the subjects in these examples?

Dropping like a rock, the dazed judo instructor
fell to the mat.

Silky Sullivan, gaining speed with every step
in the final lap, came from behind to win.

participial phrases

7

What is the literary term for an ideal form of justice in which good characters are rewarded and bad characters are punished by an ironic twist of fate?

poetic justice

8

You have 5 green toothpicks and 10 yellow toothpicks in a bag. For something to do, 90 times in a row you pull a single random toothpick from the bag and then return it and shake up the bag. You will probably pull out how many green toothpicks?

30

9

Derived from the name of a nominee to the Supreme Court who was rejected in 1987, what term means to defame a person, especially in the media, to prevent his or her appointment to public office?

Bork (Borking)

10

Present in all cells, what is the name for the protein scaffolding in a cell's cytoplasm?

cytoskeleton

Bellevue University High School Quiz Bowl - 2015

Round Number 12

TOSS-UP

1 1

1 2014, what ship began its final voyage to the scrap yard after being raised from where it had capsized on Giglio Island in 2012?

Costa Concordia

1 2

What is one of the solutions for this equation?
 $2(p \text{ squared}) + 9p + 10 = 0$

-5/2 or -2

1 3

On the rare occasions when it is full, what Australian lake is the 18th largest in the world?

Lake Eyre

1 4

What general economic policy and "ism" is promoted through these means?

- tariffs on imported goods
- import quotas
- anti-dumping legislation
- subsidies for domestic industries
- export subsidies
- exchange rate manipulation

protectionism

1 5

President Washington objected when what French ambassador began recruiting American men and ships to serve as privateers against the British?

Citizen Genet (Edmond Genet)

BONUS

1 1

What kind of animals are in "The Whiffenpoof Song"?

lambs (or sheep)

1 2

What three major leaders during World War II died within less than a month of each other in 1945?

Roosevelt, Mussolini, Hitler

1 3

What is the common term for a substance routinely used in automobile engines that was originally based on methanol but is now based primarily on ethylene glycol?

antifreeze

1 4

Sounding like the term for a loop in a rope, what is the term for a recessed shoreline or a wide bay?

bight

1 5

What type of figurative language is illustrated by these compound expressions juxtaposed with their meanings?

wound-hoe: sword
sky-candle: sun
bait-gallows: hook
flame-farwelled: death
wave-swine: ship
battle-sweat: blood

kenning

Bellevue University High School Quiz Bowl - 2015

Round Number 12

TOSS-UP

1 6

What kind of nicknames are illustrated in these examples?

Olaf the White
Sigurd the Stout
Charles the Simple
Timur the Lame
Henry the Navigator

epithets

1 7

In the 1980s, Mordechai Vanunu was captured by the Mossad and convicted of leaking details of the nuclear weapons program of what country to the British press?

Israel

1 8

To whom was Beethoven referring when he said this just before tearing up the title page to one of his symphonies?

Now, too, he will tread under foot all the rights of man and indulge only his ambition.
Now he will think himself superior to all men and become a tyrant.

Napoleon Bonaparte

1 9

What Soviet leader of the 1960s said that "the U.S. blockade of navigation in international waters and air space constituted an act of aggression propelling human kind into the abyss of a world nuclear missile war"?

Nikita Khrushchev

2 0

What U.S. Army general, sometimes called the "Grand Old Man of the Army," led forces in the War of 1812, the Black Hawk War, the Mexican-American War, the Second Seminole War, and in the American Civil War conceived the Anaconda Plan?

Winfield Scott

BONUS

1 6

What is the value of $\cos(2\pi/3)$?

-1/2

1 7

This is from an account of an incident involving what kind of creature?

In 1890, rancher Walter Vail caught one, but it bit the middle finger of his right-hand and would not let go. A cowboy had to pry open the lizard's mouth with a pocketknife, and soon Mr. Vail experienced swollen and bleeding glands.

Gila monster

1 8

If the fundamental frequency is 440 hertz, what is the fourth harmonic?

1760 hertz

1 9

What is the common term for anthropophagy, a practice resorted to by survivors of the 1972 plane crash described in these books?

Miracle in the Andes
Alive: the Story of the Andes Survivors

cannibalism

2 0

Convert .5625 to a binary numeral.

.1001

Bellevue University High School Quiz Bowl - 2015

Round Number 12

TOSS-UP

2 1

What category of disease-producing unicellular, prokaryotic microorganisms are these?

- Clostridium tetani
- Salmonella typhi
- Streptococcus pneumoniae
- Vibrio cholerae
- Bordetella pertussis

2 2

What term for the clothing worn by military personnel for field duty is a homonym for physical or mental weariness?

2 3

Food ingested by an amoeba is digested in a small cavity in its cytoplasm called a what?

2 4

What third party in the United States is associated with these symbols?

- a bird in flight, the color gold, a penguin,
- a porcupine, the Statue of Liberty

2 5

What was the term for someone who received a land grant from the Spanish or Mexican government in exchange for organizing a settlement in Texas?

BONUS

2 1

Derived from the Roman name for Wales, what is the earliest period of the Paleozoic era?

2 2

What civilization was responsible for these archaeological sites?

- Winay Wayna, Corichanca, Isla del Sol,
- Pisac, Sacsayhuaman, Machu Picchu

2 3

This 2015 headline is about what vessel?
150 years after sinking, Confederate submarine slowly reveals its secrets

2 4

This is an excerpt from what Edgar Allan Poe short story?

- No doubt I now grew very pale, but I talked more fluently and with a heightened voice.
- Yet the sound increased and what could I do?
- It was a low, dull, quick sound, much such a sound as a watch makes when enveloped in cotton. Yet the officers heard it not.

2 5

If one number is six less than three times another number and their sum is 62, what is the larger number?

bacteria

Cambrian

fatigue

Inca

vacuole

Hunley

Libertarian

The Tell-Tale Heart

empresario

45

Bellevue University High School Quiz Bowl - 2015

Round Number 12

TOSS-UP

BONUS

2 6

Name the militant Islamist group that kidnapped about 280 young girls from a Nigerian school in 2014?

2 6

What is the common name for this compound found in most kitchens?
NaHCO3

2 7

When the former American Elizabeth Halaby married King Hussein of Jordan in 1978, she became known as Queen who?

Boko Haram

baking soda (sodium bicarbonate)

2 7

Name the capital city in which the auditorium, Finlandia Hall, is located.

2 8

According to the Volcanic Explosivity Index, eruptions classified as VEI 8 include those at Huckleberry Ridge and Lava Creek in what U.S. national park?

Noor

Helsinki

2 8

What is the collective name for non-vascular bryophytes?

2 9

George W. Bush first used the phrase, "War on Terror," in what year?

Yellowstone

mosses (moss)

2 9

Name the author of this work that has been condensed into a haiku.

The boy d'Artagnan
Learns to swashbuckle and fight
With help from three friends.

3 0

The graph of $(x+3)^2 + (y+5)^2 = 16$ is a circle. The circle's circumference equals how many times π ?

2001

Alexandre Dumas

3 0

What adjective that, when not capitalized, describes an atom with a net electric charge, also indicates a type of ancient Greek architecture when it is capitalized?

Bellevue University High School Quiz Bowl - 2015

Round Number 12

TOSS-UP

3 1

What is the name for each of these kinds of groups?

Sumeria: Anu, Enlil, Anki

Greece: Clotho, Lachesis, and Atropos

Hindu: Shiva, Vishnu, and Brahma

Egypt: Osiris, Isis, and Horus

BONUS

3 1

In 1826, these were the last words of what dying U.S. president?

Is it the fourth yet?

triad

3 2

Sharing a name with certain aquatic, bloodsucking worms, medieval physicians were called what?

Thomas Jefferson

3 2

Many early scientists held that an element called phlogiston was released during what chemical process that produces heat and light?

leeches

3 3

What rhetorical device is illustrated in these examples?

-The American sailors picked up twelve survivors, the French six.

-Morticia can do something about her looks, but I don't know what.

-The streets were deserted, the doors bolted.

combustion

3 3

Which of the three Cs of credit is based on your ability to repay the debt and may prompt questions such as these?

What is your current salary?

How many other loan payments do you have?

What are your living expenses?

How many dependents do you have?

ellipsis

3 4

From 1929 to 1931, what group of eleven U.S. federal law enforcement agents was led by Eliot Ness?

capacity

3 4

X and Y are integers such that $(4 \text{ to the } X \text{ power}) \text{ divided by } 25 \text{ equals } (5 \text{ to the } Y \text{ power}) \text{ divided by } 64$. What is X?

The Untouchables

3 5

What is the term for plant movements in response to such stimuli as sound, water, touch, sunlight, or gravity?

- 3

3 5

These U.S. Marine facilities are in what state?

29 Palms

Camp Pendleton

Miramar

tropisms

California

Bellevue University High School Quiz Bowl - 2015

Round Number 12

TOSS-UP

BONUS

3 6

These archaic words are what part of speech?
aroint, hark, methinks, yede, meseems

3 6

The military strategy that seeks victory by wearing down its enemy through a continuous loss of materiel and personnel is called a war of what?

verb

attrition

3 7

In 2014, a ferry carrying 475 people including 325 students sank. What was the home country of that vessel?

3 7

What part of the head of a comet consists of various gases that have sublimed from the solid nucleus?

South Korea

coma

3 8

What is the term for the peeling of bark from a tree in shreds or thin layers?

3 8

A novel by what author is parodied in this title?
Pride and Platypus: Mr. Darcy's Dreadful Secret

exfoliation

Jane Austin

3 9

What is the value of p in this equation?
 $1/(p^2 - p) - 1/(p-1) = 0$

3 9

Name the spiral motion that is fundamental to Martian dust devils, the accretion disks of black holes, and the whirlpools of Nankaido, Japan.

1

vortex

4 0

The "Madonna of Bruges" which the Nazis stole during World War II had been carved by what Renaissance sculptor?

4 0

In the 1880s, what English businessman controlled a property in South Africa that had formerly belonged to the farmers, Johannes and Diederik de Beer?

Michelangelo

Cecil Rhodes

Bellevue University High School Quiz Bowl - 2015

Round Number 12

TOSS-UP

4 1

Although diplomatic immunity protects representatives in foreign lands, if a diplomat does commit a serious crime, he may be declared an unwanted person. What is the Latin phrase for such an individual?

persona non grata

4 2

In the year 680, the Battle of Karbala was fought in the region that became what modern country?

Iraq

4 3

What kind of facilities were these?
Millstone I, Yankee Rowe, Rancho Seco,
Shoreham, Maine Yankee

nuclear power plants

4 4

Alkanes all include what two elements?

carbon, hydrogen

4 5

Recent archaeological finds at a site on the Argentinian island of Aguas Buenas off the Chilean coast offer evidence that what 18th-century sailor celebrated by Daniel Defoe set up his camp there?

Alexander Selkirk

BONUS

4 1

What is the meaning of the abbreviation in this joke?

At first, I did not believe the doctor when he told me that I had OCD. So, I asked him to repeat it, 24 times.

obsessive-compulsive disorder

4 2

These are lines from what Stephen Crane story?

The cook squatted in the bottom and looked at the six inches of gunwale which separated him from the ocean.

The oiler sometimes raised himself to keep clear of water that swirled in over the stern.

The correspondent watched the waves and wondered why he was there.

The Open Boat

4 3

Express the answer of this problem as a radical.
square root of 100000 - square root of 1000

90 times square root of 10

4 4

What is the superlative form of the first adjective in the poem, "Casey at the Bat"?

most brilliant

4 5

These are variations of what characteristic of plant leaves?

ovate, ovate, elliptic, lanceolate, cordate

shape

Bellevue University High School Quiz Bowl - 2015

Round Number 12

TOSS-UP

4 6

Auriferous ores contain what metal?

BONUS

4 6

Adam Smith said, "It is not from the benevolence of the butcher, the brewer, or the baker that we expect our dinner, but from the regard as to their own self interest." This was part of his argument for the existence of an invisible what?

gold

invisible hand

4 7

A terrific example of structural irony is what story by Jonathan Swift in which he suggests that impoverished Irish families could improve their economic situation by selling their children as food for the rich?

4 7

Few political decisions in northern Cyprus are taken without the approval of what nation?

A Modest Proposal

Turkey

4 8

If you have come into contact with poison ivy or poison oak, you can prevent it from causing dermatitis if you wash your skin with soap and water. But, you must do this soon after contact because what toxic substance from those plants is absorbed by the skin in a matter of minutes?

4 8

You have 500 tribbles in your spacecraft, and the little critters double every two hours. How many will there be after 24 hours?

urushiol

2,048,000

4 9

A pole of inaccessibility is usually that point on a landmass that is most distant from any coastline. The North American pole of inaccessibility lies in what midwestern U.S. state?

4 9

What word completes this line uttered by Ronald Reagan?

Mr. Gorbachev, tear down this ...

South Dakota

wall

5 0

The name for what form of language used to distort meaning is a combination of both doublethink and newspeak?

5 0

Paintings by Frans Hals, Jan Vermeer, and Rembrandt van Rijn are displayed in the Rijksmuseum in what European city?

doublespeak

Amsterdam

Bellevue University High School Quiz Bowl - 2015

Round Number 13

TOSS-UP

BONUS

1

Because the exhaust nozzle of a rocket can be swiveled from side to side to change the direction of thrust, what is this kind of thrust called?

gimbaled thrust

2

In what Kansas city would you find the Brown v. Board of Education National Historic Site?

Topeka

3

What constellation is between Leo and Gemini?

Cancer

4

What German battleship, one of the largest ever built, had a career of about eight months until it was sunk in its first battle in 1941?

Bismarck

5

The three-way alliance between interest groups, bureaucrats, and legislators is called the iron what?

triangle

1

In what town did Sherwood Anderson's grotesques live?

Winesburg (Winesburg, OH)

2

The surface area of what regular solid can be calculated with this formula?

$2\pi(\text{radius squared}) + 2\pi\text{radius}\times\text{height}$

cylinder

3

In a viviparous pregnancy, name the process of embryo development between conception and birth.

gestation

4

Named for a mythical Greek hunter, what spacecraft is being developed by NASA for manned missions to the Moon, asteroids, and Mars?

Orion

5

What kind of writ is a court order requiring a detaining officer to show cause why a prisoner should not be released?

habeas corpus

Bellevue University High School Quiz Bowl - 2015

Round Number 13

TOSS-UP

BONUS

6

In 1865, Lewis Powell failed in his attempt to murder what secretary of state?

William Seward

7

What conic section is the locus of points in a plane that are equidistant from both the directrix and the focus?

parabola

8

The most significant archaeological discoveries in Sumer are a large number of tablets inscribed with what system of writing?

cuneiform

9

What is the collective name for the kinds of organic compounds, the use of which adversely affected the careers of these athletes?

Floyd Landis, Roger Clemens, Mark McGwire,
Marion Jones, Ben Johnson, Alex Rodriguez,
Jose Canseco, Barry Bonds

steroids (anabolic steroids)

10

Hamartia is a character trait that leads to a protagonist's ruin. It is also known as a tragic what?

flaw

6

What sensation did Ambrose Bierce describe in this way?

An uncomfortable frame of mind that may have a physical basis in something that is being done to the body, or may be purely mental, caused by the good fortune of another.

pain

7

What does the root word mean in mutation, transmute, commutable, and mutant?

change

8

While Newfoundland is the most extensive Canadian Atlantic island, what is that country's most extensive Pacific island?

Vancouver

9

Name the process in which glass is slowly cooled to relieve internal stresses within it.

annealing

10

What is another name for the Torrid Zone?

tropical (tropic) zone

Bellevue University High School Quiz Bowl - 2015

Round Number 13

TOSS-UP

1 1

Given that $x^2 + 10x = -25$, what is the value of $x^2 - x$?

1 2

Legally speaking, these are reasons for what in a court of law?

- calls for speculation
- compound question
- argumentative or inflammatory
- best evidence rule
- calls for a conclusion
- hearsay

1 3

In terms of biological succession, what kind of species are these?

- Douglas fir
- coast redwood
- Canadian hemlock
- European beech

1 4

Its original name was Cayo Hueso, meaning "Bone Island." What is the contemporary name of this 4.2 square mile Island 90 miles from Cuba?

1 5

With a name similar to that of a cardinal direction, the British prime minister at the time of the American Revolution was Lord who?

BONUS

1 1

Otherwise known as "Crooked Nose Jack" and "Broken Nose Jack," Jack McCall is remembered mainly for killing a colorful gunfighter and gambler in what South Dakota town?

1 2

The name of what Italian Renaissance painter completes this limerick?

Of Florentine art, I will bellow:
It was swell, just because this young fellow,
After working in Rome,
Brought the ancient style home.
I refer to the great ...

1 3

The Arc de Triomphe is to Paris as the Arch of Constantine is to what city?

1 4

What French term that literally means "little vine" indicates a short, descriptive sketch of an incident, scene, or location?

1 5

Name the process of adjusting a measurement instrument by comparing its values with a standard?

2 0

Deadwood

objections

Donatello

climax species

Rome

Key West

vignette

North

calibration

Bellevue University High School Quiz Bowl - 2015

Round Number 13

TOSS-UP

BONUS

1 6

The Schwarzschild radius is the radius of what horizon of a black hole?

1 6

What is the term for the place where seabirds gather to breed?

event horizon

rookery

1 7

In the 1972 Furman v. Georgia case, the Supreme Court ruled that the use of the death penalty was unconstitutional, citing it as what kind of punishment proscribed by the 8th Amendment?

1 7

What is the most widely practiced religion in Mongolia?

cruel and unusual

Buddhism

1 8

What mood is illustrated in these lines?

- Hassan asks that a shaman abstract a talc cataplasm that can thwart a blatant rash.
- It seemed fated that the project take its name from an extinct bird.
- We recommend that he remain in custody.

1 8

Who wrote these lines in 1776?

- In the following pages, I offer nothing more than simple facts, plain arguments, and common sense.
- The Sun never shined on a cause of greater worth. 'Tis not the affair of a City, a County, a Province, or a Kingdom, but of a Continent.

subjunctive

Thomas Paine

1 9

Some varieties of what spore-producing life forms produce the psychedelic, psilocybin?

1 9

The Polaris, Poseidon, and Trident missiles were developed to be launched from what platform?

mushrooms (toadstools, or fungi)

submarines

2 0

In relation to fitness, what is the term for the condition indicated in these passages?

- I've been losing two pounds a week regularly, but I haven't lost anything in over two weeks.
- I've been adding three pounds weekly to my deadlift, but lately, I'm stuck at 160 pounds.
- I've been running faster miles for months, but now I can't break the seven-minute mark.

2 0

In a military operation, the killing of civilians is euphemistically known as what kind of damage?

plateau

collateral damage

Bellevue University High School Quiz Bowl - 2015

Round Number 13

TOSS-UP

2 1

What Eastern European country has its highest mountains in the Carpathians and a main waterway, the Danube River, that runs north to south through the capital?

Hungary

2 2

What broad category of fuels are formed through the anaerobic decomposition of buried, dead organisms?

fossil fuels

2 3

In drama, blocking refers to the arrangement and movement of what on a stage?

the actors

2 4

Disturbing the peace is also known as what kind of conduct?

disorderly conduct

2 5

These are recognized breeds of what kind of animals?

American sable, Britannia petite, cinnamon, checkered giant, English lop, satin Angora, Holland lop, American fuzzy lop

rabbits

BONUS

2 1

These aircraft depend on what kind of power?

Hatfield Puffin
Gossamer Condor
Gossamer Albatross
MIT's Chrysalis
MIT's Monarch-B

human power

2 2

Consider this argument.

Since you can't demonstrate that there aren't little green men living in caves deep below the surface of Mars, it is sensible to accept that they are there.

This logical fallacy in which you argue that a conclusion is true because there is no evidence against it is called an appeal to what?

ignorance

2 3

In 2015, the U.S. secretary of the army announced that victims of what incident originally described as "workplace violence" at what fort in Texas in 2009 would be awarded Purple Hearts?

Fort Hood

2 4

Known as "the Younger," who, in 1783, became the youngest British prime minister at the age of 24?

William Pitt (the Younger)

2 5

Fulminology is the study of what meteorological phenomena?

lightning

Bellevue University High School Quiz Bowl - 2015

Round Number 13

TOSS-UP

BONUS

2 6

What kind of asteroid is abbreviated "NEA"?

near-Earth asteroid

2 7

Add the cube root of 27 to the cube root of 64.

2 6

In August of 1864, the last major Confederate port on the Gulf of Mexico was closed in the battle of what Alabama bay?

Mobile Bay

2 7

Name this novel presented as a haiku.

In the red corner:

Captain Ahab. In the blue:

large white cetacean

I

Moby Dick

2 8

The Presidio overlooking the Golden Gate of San Francisco Bay was seized by the U.S. military at the beginning of what war?

2 8

Flaming Gorge and Glen Canyon are the two national recreation areas in what state?

Mexican-American War

Utah

2 9

Name the art and practice of conducting negotiations between representatives of nations.

2 9

What practice involves riding a bike or driving a vehicle close behind another to take advantage of the reduced air pressure in its wake?

diplomacy

drafting (slipstreaming)

3 0

What is the molecular unit of heredity in all living organisms?

3 0

The Congo River was first explored by what British journalist?

gene

Henry Stanley

Bellevue University High School Quiz Bowl - 2015

Round Number 13

TOSS-UP

3 1

These are typical songs performed by what kind of American a capella group?

Down by the Old Mill Stream

Let Me Call You Sweetheart

Sweet Adeline

Wait 'Till the Sun Shines, Nellie

Hello Ma Baby

Jeanie with the Light Brown Hair

barbershop quartet

3 2

In the mid-1800s, what American social problem prompted many people on both sides of the issue to relocate in Kansas?

slavery

3 3

The presence of even a tiny amount of what metal in water can adversely affect the taste and cause orange or brown staining of plumbing fixtures?

iron

3 4

Frugivores are also what other kind of "vores"?

herbivores (or omnivores)

3 5

Earning interest on both the principal and on interest previously earned is called what?

compounding

BONUS

3 1

In Shakespeare's "Twelfth Night," we learn that some achieve greatness and some have greatness thrust upon them, but what about the other greats?

They are born great.

3 2

At least one of what kind of subatomic particle is not paired in an atom called a free radical?

electron

3 3

What kind of sound is routinely used in obstetric sonography to determine the sex of a fetus?

ultrasound

3 4

What city was the de facto capital of Vichy France during its World War II German occupation?

Vichy

3 5

What kind of "ism" is abundant in this passage from "Huckleberry Finn"?

I didn't want to go back no more. I had stopped cussing, but now I took to it again because pap hadn't no objections. But by-and-by pap got too handy with his hick'ry, and I couldn't stand it. I was all over welts.

colloquialism

Bellevue University High School Quiz Bowl - 2015

Round Number 13

TOSS-UP

BONUS

3 6

What U.S. president was called "The Trust Buster"?

3 6

What is the value of the square of the quantity $1/(25 \text{ to the negative } 1\text{st power})$?

Theodore Roosevelt

625

3 7

What Central America country borders Guatemala, Honduras, and the Pacific?

3 7

In 2014, Yosemite National Park celebrated its 150th anniversary after what U.S. president had signed into law the Yosemite Grant Act, establishing it as a federally protected area?

El Salvador

Abraham Lincoln

3 8

What kind of electrical circuit permits the same voltage to be applied to each component?

3 8

There are two general economic categories. Cars, computers, refrigerators, shirts, and salt are called goods, while teaching, accounting, carpentry, dry cleaning, and waste management are called what?

parallel circuit

services

3 9

In relation to groundwater, the phreatic zone is also known as the zone of what?

3 9

Queen Catherine, the sixth and final consort of Henry VIII, is also known as Catherine who?

saturation

Parr

4 0

The name for what feathered biped is missing in this verse from a Coleridge poem?

Ah, well a-day. What evil looks
Had I from old and young
Instead of the cross, the ----
About my neck was hung.

4 0

A board that is 1.5 inches in thickness, 8 inches wide, and 6 feet long contains how many board feet?

albatross

6

Bellevue University High School Quiz Bowl - 2015

Round Number 13

TOSS-UP

4 1

What term for a crowd of disorderly and sometimes violent people was derived from the Latin phrase "mobile vulgus"?

mob

4 2

What body system consists of a network of glands and vessels that drain interstitial fluid from tissues and return it to the circulatory system?

lymphatic system

4 3

After the expedition leader was killed in the Philippines, Juan Sebastian del Cano continued the trip and reached Spain in 1522. What leader had been killed?

Magellan

4 4

To make a fabulous pizza, you must choose five toppings from the twelve toppings you have. How many different groups of five toppings are there to choose from?

792

4 5

By mass and volume, what is by far the most common phase of matter in the universe?

plasma

BONUS

4 1

The expressions, gestures, and other incidental actions by actors that are usually not included in the script are called stage what?

business

4 2

What enormous island is due east of Ellesmere Island?

Greenland

4 3

A contusion on the pelvis caused by trauma at an iliac crest is called what kind of pointer?

hip pointer

4 4

Gustatory imagery relates to what sense?

taste

4 5

Five of the six men in Joe Rosenthal's famous photograph of the U.S. flag being raised on Mt. Suribachi were members of what branch of the military?

Marines

Bellevue University High School Quiz Bowl - 2015

Round Number 13

TOSS-UP

4 6

Which is the most oblate planet in our solar system?

BONUS

4 6

What is the adjunct in this example?
Shake hands with a porcupine carefully.

Saturn

carefully

4 7

In the 20th century, nonviolent resistance was popularized and shown to be effective by what Indian leader in his struggle to achieve independence from the British?

4 7

Name the social policy of taking money from one segment of a population through taxes and giving it to others in need to achieve greater social equality.

Mohandas Gandhi

redistribution

4 8

These lines illustrate what figure of speech?
I find no peace, and all my war is done,
I fear and hope, I burn and freeze like ice.
I flee above the wind, yet can I not arise.

4 8

What noun indicates a bending movement that decreases the angle between two parts of the body such as bending an elbow?

oxymoron

flexion

4 9

General George Meade is largely remembered for defeating the forces of Robert E. Lee in what battle of 1863?

4 9

Multiply $12(x^3)$ by $4x$.

Gettysburg

48(x to the 4th)

5 0

What is the source of phenomena known as crepuscular rays?

5 0

Which is the northernmost and westernmost of the 31 Mexican states?

the Sun (sunlight)

Baja California

Bellevue University High School Quiz Bowl - 2015

Round Number 14

TOSS-UP

BONUS

1

The porosity of a material is expressed as a fraction between zero and what value?

1

While those who sought gold in the California gold rush were called '49ers, what was the name for those who did the same in Australia?

1

diggers

2

In a controlled environment, a certain strain of bacteria reproduce 4 times every hour. About how many generation of these bacteria are possible in a period of 8 days?

2

What characteristic about the general emotional tone or atmosphere of a literary work is often described with words like these?
humorous, tense, gloomy, dreamy,
menacing, romantic

768

mood

3

The plutonium used in the Nagasaki bomb was produced at what site in the state of Washington?

3

What is a synonym for very small waves called capillary waves?

Hanford (B-Reactor)

ripples

4

What fish fin is anterior to its adipose fin?

4

The gag reflex can be used to induce what?

dorsal fin

vomiting

5

Deterrence is one major reason for punishment. What similar reason includes the goal of changing offenders' attitudes about what they have done to make them understand that such behavior is wrong?

5

The Russian dreadnought Sevastopol commemorated a siege during what war named for a peninsula adjacent to the Black Sea?

rehabilitation

Crimean War

Bellevue University High School Quiz Bowl - 2015

Round Number 14

TOSS-UP

BONUS

6

Name either of the Greek Muses whose names begin with the letter "T."

6

Mount Katahdin in Maine is the northern terminus of what trail?

Terpsichore, Thalia

Appalachian Trail

7

With almost any polyhedron, what number results when you add the number of faces plus the number of vertices and then subtract the number of edges?

7

Near the end of World War II, the Big Three powers agreed to divide Korea into two separate occupation zones. Those powers included the United States, Great Britain, and what other nation?

2

Soviet Union

8

What fallacy is evident in this example?
All Parisians are French.
Mrs. Defarge is not from Paris.
Therefore, Mrs. Defarge is not French.

8

Name the aircraft movement described either as movement of the nose to the left or right or as rotation about the vertical axis.

illogical conclusion (non sequitur)

yaw

9

Like decrees, fiat, or orders in council in other countries, what similar kind of orders can be issued by the U.S. president?

9

According to the death star theory, the periodic mass extinctions on Earth occur because there is a dwarf star in the outer reaches of our solar system whose orbit disturbs the Oort cloud and causes some of those comets to bombard the Earth. This hypothetical object is named for what Greek goddess of divine retribution?

executive orders

Nemesis

10

What is the general term for college courses that are not compulsory?

10

In the 15th century, what Portuguese prince sponsored exploration of the African coast?

electives

Prince Henry

Bellevue University High School Quiz Bowl - 2015

Round Number 14

TOSS-UP

BONUS

1 1

What kind of rhyme is illustrated by these pairs of words?

lending - sending
stubble - trouble
planting - slanting

double rhyme

1 2

What is the term for these stately structures?

Tomb of Cyrus
Humayun's Tomb
Tomb of Jahangir
Taj Mahal

mausoleums

1 3

Sparking almost immediate reprisals, the bodies of three teenagers of what nationality were discovered in 2014 in the West Bank?

Israeli

1 4

El Cid, or Rodrigo Diaz de Vivar, was also called "El Campeador" which means what?

the champion

1 5

A masculine ending to a line of poetry has what kind of final syllable?

stressed (accented)

1 1

That contradictory statements cannot both be true in the same sense at the same time is called the law of what?

non-contradiction (or contradiction)

1 2

In relation to what war did the U.S. Congress pass this act in 1802?

An Act for the Protection of Commerce
and Seamen of the United States Against
the Tripolitan Cruisers.

(First) Barbary (Tripolitan) War

1 3

What is another name for ethanoic acid, a main component of vinegar?

acetic acid

1 4

According to Norse myth, what god rules over Valhalla in Asgard?

Odin

1 5

What is the nationality of Falkland islanders?

British

Bellevue University High School Quiz Bowl - 2015

Round Number 14

TOSS-UP

1 6

Named for a county, what famous range war occurred in Wyoming?

Johnson County War

1 7

Guano is a terrific fertilizer because it contains a high percentage of the three nutrients essential for plant growth. These include phosphate, nitrogen, and what other element with atomic number 19?

potassium

1 8

In Japanese government, the emperor gives only perfunctory approval of legislation that has been passed by the Diet. Such routine approval is known as what kind of stamp?

rubber stamp

1 9

What is the term for words having the same ancestral root such as "star" in English, "ster" in Dutch, "steren" in Cornish, "estrella" in Portuguese, and "stea" in Romanian?

cognates

2 0

Rosie decided to get into shape by jogging 12 minutes every day for the first week, and then add 6 minutes to her daily jogging routine in each subsequent week. In how many weeks will Rosie be jogging a hour each day?

BONUS

1 6

These are characteristics of what regular polygon?
Number of concurrent edges at a vertex = 5
Number of edges = 30
Number of vertices = 12
Number of faces = 20

icosahedron

1 7

What kind of body parts are repaired through arthroplasty?

joints

1 8

What adjective indicates water derived from precipitation or condensation?

meteoric

1 9

What is the common, collective name for the Yupik and Inuit peoples?

Eskimo

2 0

What elderly spinster with a remarkable talent for amateur sleuthing was created by Agatha Christie?

Jane Marple

Bellevue University High School Quiz Bowl - 2015

Round Number 14

TOSS-UP

2 1

The island of Key West is located in what straits?

Straits of Florida (or Florida Strait)

2 2

What 20th-century philosophy is more or less based on these principles?

- a concern for man's essential being
- that anguish is common to all thinking people
- life is essentially meaningless
- thought and logic are insufficient to cope with existence
- human existence does not really matter

existentialism

2 3

Name the long-time NBC News anchorman who was suspended in 2015 when questions about the accuracy of some of his reporting came to light.

Brian Williams

2 4

While endoskeletons are produced from the mesoderm, exoskeletons are secreted from what layer of cells covering an organism?

epidermis

2 5

After the McCormick Reaper was designed by Robert McCormick, it was perfected by his son. Name him.

Cyrus

BONUS

2 1

Ned Buntline is said to have commissioned what company to produce his Buntline Special?

Colt

2 2

Name the Swedish physicist after whom the unit of length equal to one ten-billionth of a meter was named.

Anders Angstrom

2 3

What is the name for the group of 54 galaxies that includes the Milky Way, the Andromeda galaxy, and the Magellanic Clouds?

Local Group

2 4

The famous 13th-century explorer who traveled on the Silk Road and met Kublai Khan came from what Italian city?

Venice

2 5

What kind of novel is a fictional narrative that is based on the author's life experiences and usually portrayed through the eyes of a fictitious character?

autobiographical novel

Bellevue University High School Quiz Bowl - 2015

Round Number 14

TOSS-UP

2 6

If the second line of this mnemonic means "adjacent equals hypotenuse times cosine", then what does the third line indicate?

Old Aunt Tabatha
And her cat
On her ship

opposite equals hypotenuse times sine

2 7

Blood and paint as well as gels are examples of colloids involving solid particles suspended in a liquid. What is another name for such colloids?

sols

2 8

What is an aircraft that flies by flapping its wings called?

ornithopter

2 9

An example of antimetabole is, "If you fail to plan, you plan to fail". Complete this other example.

The first will be last and ...

the last will be first

3 0

The area of a circle is 100 pi meters squared. In terms of pi, what is this circle's circumference?

20 pi

BONUS

2 6

What is the most common vowel excluded in lipograms?

E

2 7

Launched into orbit by the Soviet Union in 1971, what was the name of the world's first space station?

Salyut 1

2 8

The chronic form of anemia that occurs almost exclusively in people of African descent and is marked by crescent-shaped erythrocytes was named after what agricultural implement?

sickle

2 9

Gerald Ford was the first vice president to succeed to the presidency under the terms of what constitutional amendment?

25th Amendment

3 0

These rebellions occurred in what country?

Rebellion of the Three Guards
Rebellion of the Seven Kingdoms
Yellow Turban Rebellion
Revolt of the Three Feudatories
White Lotus Rebellion
Boxer Rebellion

China

Bellevue University High School Quiz Bowl - 2015

Round Number 14

TOSS-UP

BONUS

3 1

Gastric acid consists largely of what dilute mineral acid?

hydrochloric acid

3 2

In 1584, on orders of Philip II of Spain, William of Orange was killed in what country?

Netherlands

3 3

What is the subject of metapoetry?

poetry

3 4

A major island in the Pacific Northwest is named for what explorer who first brought cattle to the Hawaiian Islands?

George Vancouver

3 5

In addition to chloride and bicarbonate, name either of the other two most common electrolytes measured in a blood test.

sodium, potassium

3 1

What country lies to the south of Taiwan across the Luzon Strait?

Philippines

3 2

What is the phrase for the period of the highest level in solar activity such as prominences, sunspots, and flares?

solar maximum

3 3

What is the vapor called that is collected and condensed from a distillation?

distillate

3 4

What triangular number is between the triangular numbers of 15 and 28?

21

3 5

Name the exclusive power of Congress to regulate interstate and foreign trade.

commerce power

Bellevue University High School Quiz Bowl - 2015

Round Number 14

TOSS-UP

BONUS

3 6

Name the symptom one feels when acid splashes up and out of the stomach.

3 6

In 1934, in what country did the bloody purge called the Night of the Long Knives occur?

heartburn

Germany

3 7

What is the infinitive form of the first irregular verb in the poem, "Casey at the Bat"?

3 7

What is the only indigestible part of a squid?

to be

beak

3 8

Zombies play a significant role in the folklore of what Caribbean nation?

3 8

How many astronauts walked on the Moon as a result of the six Apollo missions?

Haiti

12

3 9

What natural harbor in Cuba has been a U.S. naval base since 1903?

3 9

What number palindrome results when you multiply 1111 by 1111?

Guantanamo Bay Naval Base

1234321

4 0

In the 16th century, two epidemics devastated the Aztec population. Name either.

4 0

Antoine Lavoisier proposed the existence of what fluid that he said flowed from a hot object to a cold object?

smallpox, typhus

caloric

Bellevue University High School Quiz Bowl - 2015

Round Number 14

TOSS-UP

4 1

The Oslo Graben is a major rift in what Scandinavian country?

Norway

4 2

This excerpt is from what short story by Edgar Allan Poe?

His fool, or professional jester, was not only a fool, however. His value was trebled in the eyes of the king, by the fact of his being also a dwarf and a cripple.

Hop-Frog

4 3

This fanciful headline of 1862 is about what song?
Howe Releases Hit Hymn Arousing "Grape" Expectations

Battle Hymn of the Republic

4 4

What parts of leaves are described as lobate, denticulate, serrulate, ciliate, or sinuate?

margins (edges)

4 5

Leonard Bernstein's musical, "Candide," is based on an 18th-century satire by what French philosopher?

Voltaire

BONUS

4 1

What device on airliners that automatically provides identifying information to air traffic controllers stopped working about the same time that Malaysia Airlines Flight 370 disappeared in 2014?

transponder

4 2

What kind of market economy is the opposite of a command economy which is mostly under the control of the government?

free market

4 3

What is the formula for the number of diagonals of an n-sided polygon?

$n(n-3)/2$

4 4

What story by Ernest Hemingway is about the highest mountain in Africa?

The Snows of Kilimanjaro

4 5

What was the title of a medieval church official whose duties included beckoning offenders to appear before the church court and receive their sentences?

summoner

Bellevue University High School Quiz Bowl - 2015

Round Number 14

TOSS-UP

BONUS

4 6

What body of water borders Anatolia to its north?

4 6

What is a vibration in a string called?

Black Sea

a wave

4 7

What figure of speech is illustrated in this line from Keats' "Ode to a Grecian Urn"?

Thou still unravished bride of quietness.

4 7

In 1800, an enslaved blacksmith named Gabriel Prosser organized a slave revolt in what state?

apostrophe

Virginia

4 8

Given that two angles are supplementary and the larger one is nine times greater than the smaller one, how many degrees are in the larger angle?

4 8

What kind of ridges are the Carlsberg, Southwest Indian, Cocos, Norfolk, West Mariana, and Mid-Atlantic ridges?

162

mid-ocean ridges

4 9

Carotene is the basic building block of what vitamin?

4 9

In the 16th century, John Knox established what church in Scotland?

vitamin A

Presbyterian

5 0

Mites are small arthropods belonging to what taxonomic class?

5 0

These are lines from what O. Henry short story?
"It was," as Bill afterward expressed it, "during a moment of temporary mental apparition."
There was a town down there, as flat as a flannel cake, and called Summit, of course.
That boy put up a fight like a welterweight cinnamon bear.

Arachnida (arachnid)

The Ransom of Red Chief

Bellevue University High School Quiz Bowl - 2015

Round Number 15

TOSS-UP

BONUS

1

Name the error that is apparent in these situations in popular movies.

- In "Braveheart," kilts were not used until some 400 years after the events in the film.
- In "Forrest Gump," the letter from Apple Computer is dated 1975 but Apple was not incorporated until 1977.

anachronism

2

Major advocates of nonviolent resistance include the Maori leaders Te Whiti o Rongomai and Tohu Kakahi of what country?

New Zealand

3

The angle between a sailboat's course and the wind direction is called the angle of what?

1

What word in the 9th Amendment that means "to regard as being of little worth" also can mean ridicule, deride, mock, or decry?

disparage

2

Divide the absolute value of 32 by minus the absolute value of minus 4.

3

The longstanding dispute over the region of Kashmir is between what two countries?

- 8

4

A geostationary orbit is geosynchronous, circular and has an inclination of what?

attack

4

Idaho's Shoshone Falls, higher than Niagara Falls by some 45 feet, is a waterfall on what river?

India, Pakistan

5

This quotation is from what story by Ray Bradbury?

Now the hidden odorophonics were beginning to blow a wind of odor at the two people in the middle of the baked veldtland, the hot straw smell of lion grass, the great rusty smell of animals, the smell of dust like a red paprika in the hot air.

The Veldt

5

A medical lab spins a tube of fresh blood with an anticoagulant in a centrifuge, and then draws off what fluid above the blood cells that are concentrated at the bottom?

Snake River

plasma

Bellevue University High School Quiz Bowl - 2015

Round Number 15

TOSS-UP

6

In what Arizona town did Dr. John Henry Holliday serve as a special police officer?

BONUS

6

The first quartile is the same as what percentile?

Tombstone

25th

7

This dialogue is from what story by Kurt Vonnegut?

"I think I'd make a good Handicapper General."
"Good as anybody else," said George.
"Who knows better'n I do what normal is?"
said Hazel.

7

These are the first words of the unofficial lyrics to what American bugle call?

I can't get 'em up,
I can't get 'em up,
I can't get 'em up this morning.

Harrison Bergeron

Reveille

8

Reminiscent of a kind of precipitation, what is the common term for photokeratitis or ultraviolet keratitis?

8

Sir Humphrey Gilbert's voyage to the New World took him to what major Canadian island?

snow blindness

Newfoundland

9

What branch of law deals with matters relating to navigation at sea, sailors, marine salvaging, shipping, and the transportation of people and goods by sea?

9

What is the simplest category of hydrocarbons?

maritime (admiralty) law

alkanes

10

These are examples of words illustrating what poetic foot?
awake, depict, inject, unwashed, insist, behold

10

Name the American meeting in 1765 that resulted in the resolution with this idea.

It is the indispensable duty of these colonies to the mother country and to themselves, to procure the repeal of the Act for granting and applying certain stamp duties to all clauses of any Acts of Parliament whereby the jurisdiction of the Admiralty is extended.

iamb (iambic)

Stamp Act Congress

Bellevue University High School Quiz Bowl - 2015

Round Number 15

TOSS-UP

BONUS

1 1

1 1

(If the $f(x)$ equals 7 to the x power, what is $f(3)$?

The area known as Hell's Kitchen is in which borough of New York City?

3 4 3

Manhattan

1 2

1 2

What category of plankton account for about half of all photosynthetic activity on Earth?

For what Southeast Asian island country does the abbreviation stand in this line?

The independent state of PNG has a majority population of indigenous peoples, with more than 700 different tribal groups comprising the total population of somewhat more than five million.

phytoplankton

Papua New Guinea

1 3

1 3

Name any subordinate conjunction beginning with the letter "a".

The name of what zodiacal constellation between Libra and Sagittarius brings an arachnid to mind?

after, although, as

Scorpio (Scorpius)

1 4

1 4

The temperature reduction of a gas from the energy lost by expansion is known as what kind of cooling?

In what modulo are 43, 22, and 78 congruent?

adiabatic cooling

modulo 7

1 5

1 5

Name the technique in which designs are cut into the surface of pottery before it is fired.

The Viking Prince Rurik's establishment of a capital city at Novgorod in the late 9th century may have begun the early history of what country?

incising

Russia

Bellevue University High School Quiz Bowl - 2015

Round Number 15

TOSS-UP

BONUS

1 6

Delegated powers are specifically listed in which three articles of the U.S. Constitution?

1 6

Otoplasty includes cosmetic procedures for correcting deformities in what part of the body?

Articles I, II, III

ear

1 7

What cape is the southernmost headland of the Tierra del Fuego archipelago?

1 7

This is the opening line of what novel by an American author?

Grandfather said, "This is the kind of man Boon Hogganbeck was."

Cape Horn

The Reivers

1 8

What chief of the Nez Perce famed for leading a heroic journey was known in the 19th-century press as "The Red Napoleon"?

1 8

Divide $2/x - 4/(x^2)$ by $1 - (2/x)$.

Chief Joseph

$2/x$

1 9

What adjective indicates a compound that contains iron in the +2 oxidation state?

1 9

According to Ralph Waldo Emerson, who did he, Moses, Plato, and Milton trust above all others?

ferrous

themselves

2 0

At the same time that Brazil became independent of Portugal, Greece proclaimed its independence from what country?

2 0

In what part of the body is there an area named after the French physician, Paul Broca?

Turkey

brain

Bellevue University High School Quiz Bowl - 2015

Round Number 15

TOSS-UP

2 1

While an aquiclude is incapable of transmitting significant quantities of water and an aquifer has high permeability, what is the term for a body of rock or sediment that allows water to pass through only very slowly?

2 2

Name the Supreme Court chief justice who chaired The President's Commission on the Assassination of President Kennedy.

2 3

How many degrees are in each exterior angle of a decagon?

2 4

Vertigo is caused by damage to what system that is part of the inner ear?

2 5

How is this Latin sentence usually translated?
Fiat lux.

BONUS

2 1

What agreement that went into effect in 1994 dramatically reduced tariffs between the United States, Canada, and Mexico?

2 2

In what novel by Audrey Niffenegger do Clare and Henry struggle to make the most of their marriage even though Henry suffers from chrono-displacement disorder?

2 3

In a much publicized trial in 2015, Eddie Ray Routh was charged with the murders of Chad Littlefield and what other Navy SEAL?

2 4

Name either of the two longest rivers that empty into Hudson Bay

2 5

Name the most famous work by Thomas Gainsborough that is dominated by a cool color.

aquitard

NAFTA (North American Free Trade Agreement)

Earl Warren

The Time Traveler's Wife

36 degrees

Chris Kyle

vestibular system

Churchill. Nelson

Let there be light.

The Blue Boy

Bellevue University High School Quiz Bowl - 2015

Round Number 15

TOSS-UP

BONUS

2 6

Chlorine and calcium combine in the weight ratio of 36 to 64. How much chlorine will combine with 8 grams of calcium?

2 6

In 1945, the U.S. government intentionally suppressed news about the sinking of what American battleship to guarantee the horrific story would not overshadow President Truman's announcement of the Japanese surrender?

4.5

2 7

You cut a 20-foot board into two pieces, such that twice the length of the shorter piece is two feet less than the length of the longer piece. What is the length of the longer piece?

U.S.S. Indianapolis

2 7

What natural material harvested from trees in southwestern Europe is 10 times better than plastic and 26 times more effective than aluminum at containing carbon dioxide in wine bottles?

14 feet

2 8

Charon is a small moon in a synchronous orbit around what heavenly body?

cork

2 8

Pilgrims of what major religion routinely visit such sites as Bodh Gaya, Kushinagar, Borobudur, and Lhasa?

Pluto

2 9

In 2014, the Bosnian city of Sarajevo commemorated the 100th anniversary of the assassination of what Austrian archduke?

Buddhism

2 9

Also known as black propaganda, what is another term for false or misleading information that is deliberately disseminated for some strategic gain?

Franz Ferdinand

3 0

These lines are from what Jack London tale?
Day had dawned cold and gray when the man
turned aside from the main Yukon trail.
Fifty degrees below zero meant 80 degrees
of frost.
Following at the man's heels was a big native
dog.
He should not have built the fire under the
pine tree.

To Build a Fire

disinformation

3 0

In what country would you be most likely to trade in your Chilean pesos, Brazilian reals, Guatemalan quetzals, and Cuban pesos for shekels?

Israel

Bellevue University High School Quiz Bowl - 2015

Round Number 15

TOSS-UP

3 1

Who was the U.S. president when the 21st Amendment was ratified?

Franklin Roosevelt

3 2

What desert covers much of Botswana and parts of South Africa and Namibia?

Kalahari Desert

3 3

How does the boiling point of a solution compare to the boiling point of the pure solvent?

It is higher.

3 4

An RSI is an injury that occurs when recurring stress is placed on a body part over a period of time. For what does RSI stand?

repetitive stress injury

3 5

What best-selling 19th-century novel helped lay the groundwork for the American Civil War?

Uncle Tom's Cabin

BONUS

3 1

What solid figure results when you join the centers of each face of a cube?

octahedron

3 2

These are examples of what kind of lines from various poems?

-With a hey, and a ho, and a hey nonino.

-Nevermore

-And miles to go before I sleep

-O'er the land of the free, and the home of the brave

-Rage, rage against the dying of the light.

refrain

3 3

In Operation Desert Storm, a coalition force of 34 countries was mounted to oppose an invasion by what country?

Iraq

3 4

Earth's obliquity, or axial tilt, is 23.45 degrees. The obliquity of which planet is 97.8 degrees?

Uranus

3 5

What form of irony is illustrated in Sophocles' "Oedipus Rex" when Oedipus vows to catch and punish his father's killer?

dramatic irony

Bellevue University High School Quiz Bowl - 2015

Round Number 15

TOSS-UP

BONUS

3 6

Express the sum as a radical.

7 times square root of 2 plus 5 times square root of 2 plus the square root of 2.

13 times square root of 2

3 7

Monies that are automatically subtracted from an employee's gross pay for insurance premiums, retirement benefits, or taxes are collectively known as payroll what?

deductions

3 8

What two words complete this Will Rogers quotation?

Good judgment comes from experience, and a lot of that comes from ...

bad judgment

3 9

This title is a parody of a book by whom?

Bleak Expectations

Charles Dickens

4 0

In what state are these landmarks located?

Luther Burbank House, Donner Camp Sites, Leland Stanford House, Jack London Ranch, John Muir House, Richard Nixon Birthplace

California

3 6

The length of a gargoyle determines how far what is thrown from the side of a building?

water

3 7

Settlements of what Bronze Age civilization were destroyed by the eruption and resulting tsunami of Thera, a Mediterranean volcano?

Minoan

3 8

The most recent mass extinction was the Cretaceous-Paleogene extinction event that occurred about how many million years ago?

65 (accept 64-67)

3 9

In what state are these facilities?

Kirtland Air Force Base
Cannon Air Force Base
Holloman Air Force Base

New Mexico

4 0

What is the collective name for the extremely poisonous substances that contain the monovalent compound CN?

cyanide

Bellevue University High School Quiz Bowl - 2015

Round Number 15

TOSS-UP

4 1

The two categories of endoparasites are extracellular and what other?

intracellular

4 2

What is the political term for a general agreement among various groups or individuals in relation to some matter at hand?

consensus

4 3

Name the author of the short story from which this dialogue was taken.

"It's forty kilometers through hell, sir," said the sergeant. Mitty finished one last brandy. "After all," he said softly, "what isn't?"

James Thurber

4 4

For the most part, what kind of animals have uropygial glands?

birds

4 5

What obvious kind of architectural structure is incorporated in St. Peter's Basilica, igloos, St. Paul's Cathedral, the Hagia Sophia, and the Taj Mahal?

dome

BONUS

4 1

Impact craters on both the Moon and Mars were named after what 19th-century Italian astronomer who called attention to what he called "canali" on Mars?

Schiaparelli (Giovanni Schiaparelli)

4 2

What is the largest denomination of Islam?

Sunni

4 3

What word is missing in this statement by Francis Bacon that illustrates anadiplosis?

Men in great place are thrice servants: servants of the sovereign or state; servants of fame; and ---- of business.

servants

4 4

This describes the history of what U.S. state?

The French established two Jesuit missions there including one on Penobscot Bay in 1609, and the other on Mount Desert Island in 1613.

Maine

4 5

Hitler's mountain residence, the Berghof, was located above what municipality in the Bavarian Alps?

Berchtesgaden

Bellevue University High School Quiz Bowl - 2015

Round Number 15

TOSS-UP

BONUS

4 6

Some 5000 cubic kilometers of Fish Canyon tuff was ejected during the La Garita supervolcanic eruption nearly 28 million years ago. The crater from this largest known volcanic explosion in Earth's history is in what U.S. state?

Colorado

4 7

What is the abbreviation for college-level courses offered in high school for which you may receive college credit?

AP

4 8

Even after adoption of the 14th Amendment, what category of state laws continued to legalize segregation?

Jim Crow laws

4 9

You would have to travel to what Pacific island to see the famous Polynesian monolithic moai?

Easter Island

5 0

In 1570, the Pope excommunicated what English queen?

Queen Elizabeth I

4 6

While light reflected from a white wall is diffuse, what is the corresponding term for light reflected from a mirror?

specular

4 7

In 2014, name the state governor who sent some 1000 National Guard troops to the southern reaches of his state to assist Border Patrol units.

Rick Perry

4 8

What was the primary geopolitical unit of ancient Greek civilization?

city-state

4 9

You are starting a new organization that peddles weight-loss food supplements and want to call it THIN. Then, sometime later, you decide to make up what THIN stands for, and decide on The Health Institute of Nutrition. What term describes this kind of acronym when the expanded name is created after the short name?

backronym

5 0

What order of marine mammals has a name derived from the mythical Greek creatures who lured mariners to their destruction with their singing?

sirenians