# 2015-2016 Quíz Bowl

Elementary Practice Questions Set #2

# Elementary Quiz Bowl Round 1 Page 1 BONUS

## TOSSUP

## 1. Etymology

The name for what device used for centuries in clocks comes from the Latin word "pendulus" which means "hanging"?

## 1. Literary Sidekicks

Samwise Gamgee was whose sidekick?

#### pendulum

## Frodo's (Frodo Baggins')

## 2. Historical Poetry

These words are from a Ralph Waldo Emerson poem named for what city?

The cargo came! and who could blame If Indians seized the tea,
And, chest by chest, let down the same

Into the laughing sea?

For what avail the plough or sail Or land or life, if freedom fail?

## 2. Earth Science Anagrams

"Gamier" is an anagram for what optical phenomenon in which the illusion of water is created from light distorted by alternate layers of hot and cool air?

#### Boston

## mirage

#### 3. Cubes

What is the shape of a cross section that cuts through one of the corners of a cube?

#### 3. Predicates

How many words are not in the predicate of this sentence?

A month later she became the first female pilot to solo around the world.

## triangle

#### one

## 4. Latin America

Name the northernmost Latin American nation.

#### 4. Ladders

You start on the middle rung of a ladder. Then you go up 6 rungs, then down 9, then up 5, and finally up 10 to the top rung. How many rungs are on this ladder?

#### Mexico

#### 25

#### 5. Sentiments

What is the collective name for these kinds of beliefs?
-Mistletoe in a house protects it from lightning

- -Put salt on the doorstep of a new home and no evil can enter.
- -Seeing a spider run down a web in the afternoon means you'll take a trip.

#### 5. Syllabication

What is the first disyllabic word in the "Pledge of Allegiance"?

#### superstitions

# Elementary Quiz Bowl Round 1 Page 2 BONUS

## **TOSSUP**

## 6. Poetic Physics

This refers to what phenomenon of sound? The shadow of a sound, a voice without a mouth, and words without a tongue.

## 6. Relationships

What is the term for someone who is related to you as the result of being the child of your uncle or aunt?

echo

cousin

#### 7. Wars

The French and Indian Wars ultimately decided whether France or England would rule what continent?

#### 7. Phrases

What is the last prepositional phrase in the first verse of Francis Scott Key's poem, "The Star-Spangled Banner"?

#### North America

of the brave

## 8. Homonyms

What term can refer to a type of tropical tree or the front inner surface of the hand?

## 8. Forest Climates

In what type of forest is it hot and humid all year around?

palm

tropical rain forest

## 9. Collection Counts

Beth, Meg, and Amy all collect auk statuettes. Beth has 220 of them and Meg has twice as many as Beth. Since Amy has as many as Beth and Meg together, how many auk statuettes does she have?

#### 9. Forms of Literature

These are titles of what kind of stories?
The Shepherd Boy and the Wolf
The Fox and the Grapes
The Hare and the Tortoise

660

fables

## 10. Science History

Formerly, astronomers had relied on eyesight and mathematics alone. But in 1609, what Italian devised an instrument for himself which enabled him to see craters on the Moon, four moons orbiting Jupiter, and hundreds of stars too faint to be visible to the naked eye?

## 10. Passings

Who is the central character in Maurice Sendak's story, "Where the Wild Things Are"?

Galileo

Max

# Elementary Quiz Bowl Round 1 Page 3 BONUS

## **TOSSUP**

## 11. Drainages

All U.S. streams east of the Continental Divide flow into one of two bodies of water. Name both.

## 11. Fantasies

What story by J.K. Rowling begins with this? Mr. and Mrs. Dursley, of number four, Privet Drive, were proud to say that they were perfectly normal, thank you very much. They were the last people you'd expect to be involved in anything strange or mysterious, because they just didn't hold with such nonsense.

Atlantic Ocean, Gulf of Mexico

Harry Potter and the Sorcerer's Stone

## 12. Technological Developments

This is about what common device?

Take away the lead which is behind the glass and there will be no image of the one looking in.

## 12. Astronomy

What is the term for self-luminous heavenly bodies?

mirror

stars

# Elementary Quiz Bowl Round 2 Page 1 BONUS

## **TOSSUP**

#### 1. Abbreviations

What is the meaning of the first word in the abbreviation, "a.m."?

## 1. Sentence Transformation

Transform this declarative sentence into an interrogative sentence.

It was a six-eared alien.

#### before

Was it a six-eared alien?

#### 2. Detention Facilities

While prisons are generally intended for long term incarceration, what facilities usually hold prisoners awaiting trial or those serving relatively short sentences of less than a year?

## 2. Pot Word Problems

Hazel bought a new cauldron for \$244.40. She paid for it in equal weekly payments during the course of an entire year. How much was each weekly payment?

#### jails

\$4.70

#### 3. Prefixes

What is the meaning of the prefix in words such as multifarious, multitude, and multiplex?

### Archaeology

This is about what archaeological site?

Precariously perched on a mountain shoulder high in the Andes, this citadel remained hidden for four centuries until Hiram Bingham drew back the green veil of the jungle in 1911.

## many (much, multiple)

Machu Picchu

## 4. Organs

In what organ is the fovea, the retina, and the cornea?

## 4. Transportation

Animals used to transport loads in Arctic regions include dogs and what antlered mammals?

## eye

reindeer

## 5. Detective Stories

The tale of "Emil and the Detectives" is set in what country?

#### 5. Musicals

These are lyrics from a song in what musical? I'm gonna be a mighty king

So enemies beware!

Well, I've never seen a king of beasts

With quite so little hair I'm gonna be the mane event

Like no king was before

I'm brushing up on looking down

The eventual of the DOAD

The Lion King

Germany

## Elementary Quiz Bowl Round 2 Page 2 BONUS

## TOSSUP

#### 6. Tall Tales

This is about what legendary creature? Folks that stared at him for five minutes could see him growing right before their eyes. He grew so big that 42 axe handles plus a plug of tobacco could fit between his eyes and it took a murder of crows a whole day to fly from one horn to the other.

#### 6. Gold

One summer, some friends from Michigan went mining in Alaska and extracted 14 pounds of gold. If the value of gold was \$1350 per ounce, how much did these Michigan miners gross that summer?

#### Babe (the Blue Ox)

\$302,400

fly

## 7. Botched Metaphors

What animal should be in this metaphor? You're putting the chicken before the cart.

#### 7. Creature Fatalities

What kind of creature meets her end in the poem that includes these lines?

At last, up jumped the cunning Spider, and fiercely held her fast.

He dragged her up his winding stair, into his dismal den.

Within his little parlor -- but she ne'er came out again!

#### horse

8. Ice

Ice floats on water because what property of frozen water is less than that of liquid water?

## 8. Temperature Extremes

What is the difference between the highest temperature ever recorded at 159 degrees F in the Lut Desert of Iran and the coldest recorded temperature of 129 degrees F below zero in Antarctica?

## density

288 degrees

## 9. Sam Adams Says

This statement by Samuel Adams relates to what constitutional amendment?

The Constitution shall never be construed to prevent the people of the United States who are peaceable citizens from keeping their own arms.

## 9. Fantasy Professions

What did all of these fictional women practice?
Bathsheda Babbling, Madame Puddifoot,
Alice Longbottom, Daphne Greengrass,
Bathilda Bagshot, Walburga Black, Helga
Hufflepuff, Amelia Bones, Lavender Brown

#### 2nd Amendment

witchcraft (sorcery)

## 10. Imaginary Locations

Who is the central character in the series of fantasies that include these locations?

Little Whinging, Slug and Jiggers Apothecary, Knockturn Alley, Godric's Hollow, The Leaky Cauldron, Malfoy Manor

## 10. Planetary Rings

Although all of the gas giants have rings, those of which planet are the largest?

# Elementary Quiz Bowl Round 2 Page 3 BONUS

## **TOSSUP**

## 11. Body Systems

The functions of what body system include protection of internal structures, prevention of entry of disease-causing microorganisms, temperature regulation, excretion through perspiration, pigmentary protection against ultraviolet sunrays, and production of vitamin D?

#### 11. Arabian Literature

In an "Arabian Nights" story, what woodcutter learns of the power of the command, "Open Sesame"?

integumentary system (skin)

Ali Baba

## 12. Cookie Botany

Macaroons are usually made with the ground fruit of what tropical evergreen?

## 12. Landforms

The states of Baja California and Baja California Sur occupy what kind of landform?

coconut palm

peninsula

## Elementary Quiz Bowl Round 3 Page 1 BONUS

## **TOSSUP**

## 1. Psychology

What is the collective term for anger, fear, joy, delight, despair, disgust, hate, and love?

#### 1. Clouds

Wispy or featherlike clouds are cirrus. Puffy or heaped-up clouds are cumulus. What type of clouds are layered?

#### emotions

stratus

## 2. Number Problems

What are the two consecutive integers given that their sum is 25?

#### 2. Inventions

Around 8000 B.C., Australian aborigines invented what wooden weapon?

#### 12 and 13

boomerang

## 3. Meteorological Phenomena

What phenomenon similar to a rainbow is produced by light reflected from Earth's natural satellite?

#### 3. Bottle Poems

What is in the bottle described in this ditty?
Shake and shake
The ---- bottle.
None will come,
And then a lott'll.

## moonbow (lunar rainbow, lunar bow)

catsup

## 1. Presidents

The names of what two American presidents end with "-ton"?

### 4. Performer Prefixes

Assuming all the groups consisted of different people, how many musicians performed at a music festival that featured a duet, a trio, a quartet, two septets, and an octet?

### Washington, Clinton

31

## What set of rules was replaced in 1789 by the Constitution of the United States?

Documents

## 5. The Parthenon

The Parthenon was built in Athens during the fifth century B.C. in honor of which goddess?

# Elementary Quiz Bowl Round 3 Page 2 BONUS

## **TOSSUP**

#### 6. Galaxies

The light from millions of stars located along the plane of our galaxy is popularly known as the ...

## 6. Pollution

What kind of pollution may involve barking dogs, car alarms, mechanical equipment, construction, aircraft, motorcycles, or loud music?

#### Milky Way

noise pollution

## 7. Heroines

What was the nationality of Joan of Arc?

#### 7. Waves

Reflected sound waves are called ...

#### French

echoes

#### 8. Sets

While overlapping sets contain some of the same elements, what kind of sets contain exactly the same elements?

#### 8. Native Americans

What tribe of American Indians that inhabited the region of Georgia and Alabama now makes its home in the southeasternmost state?

## equivalent (equal, identical) sets

Seminole

## 9. Heavenly Objects

What object in the solar system has a mass about 300,000 times that of Earth?

#### 9. Balloons

What happens to a balloon inflated with air at sea level as you take it deeper and deeper under water?

#### the Sun

It compresses. (becomes smaller)

## 10. Astronomy

What is this passage about?

They are areas into which the sky has been divided for identifying and naming celestial objects. The first ones were simple, arbitrary patterns of stars in which early civilizations visualized gods, sacred beasts, and mythical heroes.

## 10. U.S. States

Under the Articles of Confederation, the United States included how many fewer states than those comprising the U.S. today?

#### constellations

# Slementary Quiz Bowl Round 3 Page 3 BONUS

## **TOSSUP**

## 11. State Names

In an alphabetical list of the U.S. states with "New" in their names, which is first?

#### 11. Silverstein

According to Shel Silverstein, what ends ... before the street begins,
And there the grass grows soft and white,
And there the sun burns crimson bright,
And there the moon-bird rests from his flight
To cool in the peppermint wind?

New Hampshire

the sidewalk

## 12. Zoology

According to the Latin derivation of the term, bipeds have two ...

## 12. Antonyms

Change the word "happy" into its antonym by adding two letters.

feet

unhappy

## Elementary Quiz Bowl Round 4 Page 1 BONUS

## **TOSSUP**

#### 1. Historical Math

In 1807, Robert Fulton's steamboat Clermont made its first run to Albany from New York in 32 hours, averaging 5 miles per hour. The trip covered how many miles?

## 1. Fictional Animals

What kind of animals are these?

Hathi

Babar Horton

Stroks

Kala Nag

160

elephants (pachyderms)

## 2. Supercentenarians

About a month prior to his death in July of 2009, Guiness World Records had confirmed that Henry Allingham, a British World War I veteran, was the world's oldest living man. Since he had just celebrated his 113th birthday that June, in what year was he born?

## 2. Lyrical Descriptions

What kind of reptile has been described poetically as a four-oared helmet?

1896

turtle

## 3. Sentence Types

What mood is illustrated by these sentences? Get out and stay out!
Please don't do that anymore.
Be back by noon.

## 3. Expanded Product Lines

During World War I, Ford Motor Company began production of what vehicles used in commercial agriculture?

imperative

tractors

## 4. Witches

What wise witch was created by Tomie de Paola?

### 4. Planets

Name the innermost and smallest planet.

Strega Nona

Mercury

## 5. Adjectives

"Better" is the comparative form of what adjective?

### 5. Award-Winning Books

What story by Linda Sue Park tells of an orphan Korean boy, Tree-ear, and his persistent interest in making pottery?

# Elementary Quiz Bowl Round 4 Page 2 BONUS

## **TOSSUP**

#### 6. Government

Judges are officials in which branch of American government?

## 6. Weight Problems

If Al's weight is 5/2 that of Ben's, what is the ratio of Ben's weight to their total weight?

#### judicial branch

2:7 (or 2 to 7 or 2/7)

## 7. Seasons

What season is it in Europe when the Northern Hemisphere is tilted toward the Sun?

#### 7. American Regions

On an alphabetical list of the U.S. states in the Pacific Northwest, which is last?

#### summer

Washington

#### 8. Stories

What story by Richard Peck that features Alexander Armsworth, Blossom Culp, Uncle Miles Armsworth, and Inez Dumain is about a ghost that desires to be buried with her family in New Orleans?

#### 8. Infections

Appendicitis is an inflammation of what organ?

## The Ghost Belonged to Me

appendix

## ). Borders

What U.S. state has the longest border with Canada?

## 9. Folksongs

According to the song, at what time each day did Clementine drive the ducklings to the water?

#### Alaska

nine

#### 10. The Earth

The portion of the Earth consisting of ice masses, snow deposits, continental ice sheets, glaciers, sea, lake, and river ice is known as what sphere?

## 10. Animal Poetry

What animal sound completes this verse?

A neigh is the bark of a horse

And a trumpet's an elephant's neigh,

And the trumpets of lions are roars,

And the roar of a donkey's a ...

#### cryosphere

bray

# Elementary Quiz Bowl Round 4 Page 3 BONUS

## **TOSSUP**

## 11. Compasses

What intercardinal point is between NNW and WNW?

## 11. Purchase Computations

Zeke is purchasing a tractor. He made a down payment of \$4,000 and has so far made five monthly payments of \$265. How much has he paid so far?

### NW (or northwest)

\$5325

## 12. Wet Regions What is a term for an area of water

What is a term for an area of waterlogged, spongy ground, generally consisting of acidic decaying vegetation that may develop into peat?

## 12. Gas Computation

Since Henrietta knows she can travel 300 miles on 13 gallons of gas, how many gallons will she need to go 450 miles?

bog (moor, swamp, marsh, muskeg, etc.)

19.5

# Elementary Quiz Bowl Round 5 Page 1 BONUS

## **TOSSUP**

#### 1. Drama

What major divisions of a play are signified by the dropping of the curtain?

## 1. Settings

What country is the setting for Lucy Boston's "Green Knowe" stories?

acts

England (Great Britain)

## 2. The Earth

The two fundamental motions of the Earth are revolution and what other?

#### 2. Climates

Name the driest state in the U.S.

rotation

Nevada

#### 3. Wonderland

What character in "Alice's Adventures in Wonderland" says this?

A dog growls when it's angry, and wags its tail when it's pleased. Now I growl when I'm pleased and wag my tail when I'm angry.

#### 3. Rivers

What is the term for a shallow place where people can walk or ride a vehicle or horse across a river?

Cheshire Cat

ford

#### U.S. States

What state is between Kentucky and Alabama?

## 4. Comparative Adjectives

What word should have been omitted in this line? The amendment addressing the special circumstances of underpaid teachers will make a good piece of legislation more better.

Tennessee

more

#### 5. No Confidence

In 1903, Bishop Milton Wright said "It is only given to God and angels to fly." Name his two children who just a few days later showed their father to be absolutely wrong.

## 5. Astronomical Jargon

What is the name for a star and all the planets and other bodies that orbit it?

Wilbur, Orville

planetary (solar) system

## Elementary Quiz Bowl Round 5 Page 2

#### TOSSUP **BONUS** 6. **Animal Armor** 6. Military Money Matters What structures on many fish are used as armor? An attack jet and a tank cost \$40 million. If the jet costs \$30 million more than the tank, what is the cost of the tank? 400 300 scales \$5 million 7. Poems 7. Sensation What two words complete this stanza? What term ending in a silent "b" means insensible or This is the maiden all forlorn, lacking in feeling due to cold? That milked the cow with the crumpled horn, That tossed the dog, That worried the cat, That killed the rat, That ate the malt That lay in the house that ... Jack built numb 8. Paleontology Nonfiction 8. Fossils of the extinct mastodon indicate that it was Harold and Doris Faber's work, "We the People," is similar to what present day mammal? about what historical document? elephant the Constitution 9. Multiplication 9. Blades If any factor in a multiplication problem is zero, the What long knife with a broad blade is used either for product will be what? cutting vegetation or as a weapon? zero machete 10. Offenses 10. Figurative Language What is the legal term for intrusion onto someone What figure of speech is illustrated in these lines? else's property? -The sky roared and threw lightning around. -That cake is really calling me. -The leaves danced in the wind.

trespassing

personification

-The sun peeked from behind a cloud.

# Elementary Quiz Bowl Round 5 Page 3 BONUS

## **TOSSUP**

## 11. Slogans

This is a parody of what slogan that was popular in the thirteen colonies during the 1750s and 1760s?

Taxation with representation

isn't so hot either.

## 11. Zoology

Name any creature that fits this description. Although ancient people believed they were fish, cetaceans are aquatic mammals that bear live young, produce milk to feed their offspring, and have a bit of hair.

No taxation without representation

whates (dolphins, seals, walruses, porpoises)

12. Art Forms

What kind of art may involve carving, chiseling, welding, casting, or molding?

12. Solar System Combos

The name for what heavenly body is spelled with the initials of the 6th, 7th, and 8th planets out from the center of the solar system?

sculpture

Sun

## Elementary Quiz Bowl Round 6 Page 1

## **BONUS** 1. Adages 1. **Fantasies** According to the adage, when is it always darkest? In "The Phantom Tollbooth," the watchdog named Tock has the body of what device? before the dawn clock 2. Native Civilizations States 2. Which U.S. state can be approached from all The Inca civilization was on what continent? directions by water? Hawaii South America 3. Tides 3. Banners What kind of tide occurs when ocean water flows as What kind of snake is depicted on the early American far inland as it can? "Don't Tread on Me" flag? high (spring) tide rattlesnake 4. Weaponry 4. States of Matter What did Germany use to sink some 875,000 tons of Matter in which phase is most easily compressible? Allied shipping in April of 1917? submarines (or torpedoes) gas 5. Number Problems Heavenly Sights 5. The difference between 9 and what number is 3? What is taking place if all you can see of the Sun is its corona?

## Elementary Quiz Bowl Round 6 Page 2 BONUS

## TOSSUP

6.

## The Atmosphere

Which layer of the atmosphere is about 5 miles thick at the poles and 12 miles thick at the equator?

## 6. Word Squares

What letter is missing in the simple word square if the first horizontal word is "as" and the first vertical word is "at"?

#### troposphere

## 7. Energy Transformations

In a coal-fired power plant, chemical energy in the coal is converted into thermal energy, which is then converted to kinetic energy in steam, which is then converted to mechanical energy in a turbine, which is then converted into what other form of energy?

## 7. Geographical Divides

The Eastern Continental Divide of the United States runs along what mountain range?

#### electrical energy

## 8. Figurative Language

What figure of speech is used in this caption for a cartoon?

Creepy Cat Cooks Cocker Spaniel for Crazy Carnivorous Cows

## 8. Ancient Weapons

A variant of what lightweight spear used as a weapon in ancient Rome is thrown in the modern Olympic games?

#### alliteration

## 9. Literary Anagrams

What character's name is missing in this anagram for "The authoress Beatrix Potter"?

Oh, text is about ----, her star.

#### 9. Short Stories

Who wrote this?

I have made many books about well-behaved people. Now, for a change, I am going to make a story about two disagreeable people, called Tommy Brock and Mr. Tod. Nobody could call Mr. Tod "nice." The rabbits could not bear him and could smell him half a mile off.

## Peter

Beatrix Potter

٥.

Appalachlans

javelin

## 10. Light Adjectives

Any substance through which light can pass without being broken up is described by what adjective?

#### 10. Vipers

The "toxic saliva" of asps, coral snakes, mambas, and rattlers is called ...

#### transparent

## Elementary Quiz Bowl Round 6 Page 3

12.

TOSSUP	BONUS
11. Areas The two states in a region known as Kentuckiana include Kentucky and what other?	11. Addition of Negative Numbers What is the number if the sum of -6 and the number equals -52?
Indian	a -46

All the stars in the Northern Hemisphere appear to rotate around what star?

The lessons that fables teach about life are called ...

12.

Stars

Polaris (North Star) morals

Fables

# Elementary Quiz Bowl Round 7 Page 1 BONUS

## TOSSUP

## 1. Storm Intensity

What level of intensity on the Fujita Scale is a tornado that hurls houses and cars long distances?

## 1. North American Borders

The northern limit of Baja California is what U.S. state?

#### 2. Birds

This is about what kind of birds?

They come ashore by walking onto beaches or by vaulting out of the surf. They then waddle erect up slopes or toboggan on their bellies down the snow.

## 2. Weather Poetry

This poem is about what weather phenomenon?
Leaves stood still, and our hearts stood still,
But the sky was a-boil with clouds,
A coppery wrack, and the greenish black
Of shrouds.
We dove for shelter and none too soon.
The universe swayed and swirled,
And the monstrous horn of a unicorn
Gored the world.

#### penguins

F5

### 3. Dinosaur Math

The largest modern land animal is the African elephant weighing some 5 tons. But this is just one-eighth of the weight of the largest dinosaurs. How much did they weigh?

#### 3. Calendars

What is the name for any year in which an extra day is added?

#### 40 tons

\_\_\_\_\_

leap year

6.

California

tornado

## Conditionals

If a = b then what does 2a equal?

### 4. Zeros

How many zeros are in the number one billion one thousand one hundred and one?

## 2b

Regional Symbols

What U.S. state is named for the country's largest river?

State Names

Windmills are especially symbolic of what European country?

## Elementary Quiz Bowl Round 7 Page 2

## TOSSUP **BONUS** Place Names 6. Trail Reckoning 6. Cities in what country were named after Prince Rupert Ichabod walked 8 yards due north where he turned to of the Rhine, Queen Victoria, and George Vancouver? his right and walked 16 yards. Then he turned left and walked 5 yards and turned left again and walked 16 yards. At that point, how far was he from where he began? Canada 13 yards 7. State Geography Evergreens 7. Conifers have two kinds of cones. The female cones An enormous lake divides what U.S. state into two contain ovules. What is produced by the male cones? separate pieces? pollen Michigan 8. Weather 8. Light What is the collective name for any form of violent, What device produces a thin beam of light that travels severe weather? long distances without spreading? storm laser U.S. Geography Numbers What western state adjacent to Canada has an extensive What is the additive inverse of 180? panhandle? Idaho -180 10 Historical Art 10. Sentence Subjects

These art objects were created by what ancient civilization?
statue of Thoth
statuette of Isis
mummy case of Lady Teshat

Identify the subject in this question.
What-else could she have done?

# Elementary Quiz Bowl Round 7 Page 3 BONUS

## **TOSSUP**

## 11. Proportions

What is the fourth term in this proportion? 2/7 = 12/x

## 11. Fictional Critters

In the story by Robert O'Brien, Mrs. Frisbie is what kind of creature?

42

mouse

## 12. Folksongs

What line completes this excerpt from an American folksong?

It rain'd all night the day I left,

The weather it was dry,

The sun so hot I froze to death ...

12. Songs

What is the term for the principal patriotic song of a nation?

Susanna, don't you cry.

anthem (national anthem)

# Elementary Quiz Bowl Round 8 Page 1 BONUS

## TOSSUP

#### 1. Communications

These points from an 1877 advertisement describe the advantages of what form of communication over what other form?

- -No skilled operator is required.
- -The communication is much more rapid.
- -Direct communication may be made by speech without the intervention of a third person.

#### 1. Numbers

Name all the composite numbers less than 10.

#### telephone over telegraph

4, 6, 8, 9

#### 2. Transitions

Words such as "beside" and "among" are used in transitions to show location. What is shown by these transition words?

immediately, meanwhile, afterward, next

## 2. Drugs

What is the collective name for drugs that cause anesthesia?

## time (chronology)

anesthetics

## 3. Energy Resources

Originally used to grind grain or pump water and more recently for the generation of electricity, what device uses rotating blades or sails to convert the energy from moving air to mechanical work?

## 3. Fairy Tales

In what Hans Christian Andersen story is there a dog with eyes as big as saucers, another with eyes as big as millstones, and a third with eyes as big as the Round Tower?

#### windmill

The Tinder Box

## 4. Architecture

An open space between a roof and a ceiling is called a

#### 4. Electrical Circuitry

If all the lights in your house were connected in series, what would happen if one of them burned out?

## loft (attic, garret)

All lights would go out.

## 5. Geographical Songs What should be the first word in these see

What should be the first word in these geographical lyrics?

---- lines go east and west,

But they're north or south of the equator.

They'll always pass the parallel test,

If you measure them now or later.

#### Special Facilities

What kind of facility has control towers, terminals, and hangars?

latitude

airport

## Elementary Quiz Bowl Round 8 Page 2 BONUS

## **TOSSUP**

#### 6. Ballets

These dances are part of what ballet by Sergei Prokofiev?

Shawl Dance

The Fairy Godmother
The Sister's New Clothes

Departure of the Stepmother and

the Sisters for the Ball

## 6. Grammatical Fractions

In lowest terms, what fraction of the words in this sentence are in the subject?

Few things are harder to put up with than a good example.

#### Cinderella

1/6

## 7. American Folklore

What legendary American character created Mount Hood when he piled rocks on top of his campfire to extinguish it and dug the Grand Canyon when he dragged his axe behind him?

## 7. Marine Biology

While fish move their tails left and right for propulsion, what do whales move up and down?

#### Paul Bunyan

flukes

## 8. Pledge Parts

What is the last prepositional phrase in "The Pledge of Allegiance"?

#### 8. Sentences

Restate this sentence using a plural subject. She is an Olympic skater.

#### for all

They are Olympic skaters.

## 9. Coins

An image of what U.S. president is on the U.S. dime?

#### 9. Word Use

How is "for" used in this sentence?

The water must be hot for I saw Fred light the water heater hours ago.

#### Franklin Roosevelt

conjunction

## 10. Maps

What part of a map answers these questions?
What does this color stand for?
What does this symbol mean?
How big are the cities?
What is the distance between these points?
Is this the state capital?

#### 10. Tributes

Isaac Asimov said this about whom?
His simple device quickly proved to be an efficient guard against the lightning stroke.
It was the first time scientific theory was used to counter natural disaster and showed that people could turn to science for answers to their problems.

## legend (key)

Benjamin Franklin

# Elementary Quiz Bowl Round 8 Page 3 BONUS

**TOSSUP** 

11. Paths

What is the term for the gravitationally curved path of an object around a body in space? 11. Meteorites

You have been given a meteorite fragment and find that it is attracted to a magnet. Therefore you know it contains either nickel or what other metal?

orbit

iron

12. Profession Poetry

This verse is from a poem about people in what line of work?

Some have an eye patch And some have a hook In place of the hand That a crocodile took. 12. Number Palindromes

Start with 68 and add its reverse to it. Take the sum and add its reverse to it. Keep doing this until you arrive at a number palindrome. What number is it?

pirates

1111

## Elementary Quiz Bowl Round 9 Page 1 BONUS

## **TOSSUP**

## 1. Marine Biology

What marine echinoderms have oval-shaped skeletons with long, movable spines covering all but the bottom surface of their bodies?

## 1. Foreign Cities

By their names, you can surmise that these are cities of what country?

Hitoyoshi

Katsuura

Shirakawa

Miyako

Shiogama

#### sea urchins

Japan

#### 2. Ursidae

What bear is easily distinguished by large, black patches around its eyes, on its ears, and around its body?

#### 2. Central America

Central America is long and narrow, tapering to a width of about 30 miles in what country?

## panda (giant panda)

Panama

## Song Parodies

This is a parody of what song?

My body needs calamine lotion

My body's all red you can see.

The flowers I picked for my mommy, turned out to be poison ivy!

#### 3. Zoology

What common, non-physical, unenviable characteristic do these animals share?

dodo

great auk

Labrador duck

passenger pigeon

saber-toothed tiger

#### My Bonnie Lies Over the Ocean

extinction

## 4. Song Books

Hymns are collected in what kind of books?

## 4. Number Problems

What three-digit number, whose digits are in descending order and add up to a dozen, is divisible by three and has a hundred's digit that is two more than its one's digit?

#### hymnals

543

## 5. Signed Numbers

Multiply the quantity (-8 + 9) by -16.

#### 5. Island Nations

Name the largest and most populous country of the Caribbean.

## Elementary Quiz Bowl Round 9 Page 2

**TOSSUP BONUS** 6. Stories 6. **Prepositions** Robert C. O'Brien wrote about some super-rats trained List any three prepositions that begin with "b". in laboratory experiments, which come to the aid of a sickly mouse. Complete the title of this metaphorical story. Mrs. Frisby and the Rats of ... NIMH before, behind, beneath, beside, between, by, etc. 7. Flights 7. Stories Charles Lindbergh's famous flight ended in what What story by C.S. Lewis includes this? country? "This must be a simply enormous wardrobe!" thought Lucy. Then she noticed that there was something crunching under her feet. Something cold and soft was falling on her. France The Lion, The Witch, and the Wardrobe 8. Forests 8. Stories At the present time, what country contains the world's In a story by H.C. Holling, an Indian boy carves a toy largest rain forest? canoe. Before placing it in a stream, on the bottom of his vessel he carves these words. Please put me back in water. I am paddle to Brazil sea Number Problems Syllabication What odd number is greater than the number of days How many syllables are in this epigram? in October and less than the product of 7 and 5? Old age is not for sissies. 33 7.

10. Harry Potter

In "Harry Potter and the Goblet of Fire," Harry must take a golden egg from what dragon?

Division 10.

What is the largest integer that divides 109 with a remainder of 4?

# Elementary Quiz Bowl Round 9 Page 3 BONUS

## **TOSSUP**

## 11. Lots of Water

About 46% of the world's water is in which ocean?

## 11. Sea Namesakes

What sea adjacent to Mexico was named for a conquistador?

**Pacific** 

Sea of Cortes

## 12. Nutrition

What phrase refers to packaged foods such as candy, chips, and soft drinks that are high in calories but low in nutritional value?

## 12. Literature

How are these works collectively classified? Field Guide to the Stars and Planets Twentieth-Century Authors Statesman's Year-Book Dictionary of Islam

junk food

references

## Elementary Quiz Bowl Round 10 Page 1 **BONUS**

## TOSSUP

1.

3.

#### Big Waters

Although not officially recognized as a separate ocean, those portions of the Atlantic, Pacific, and Indian Oceans at their southern extremes are sometimes collectively referred to as what ocean?

#### 1. Banners

How many total red and white stripes were on the U.S. flag mandated by the Continental Congress in 1777?

## Southern Ocean (Antarctic Ocean)

#### 2. Patronyms

Where traditional patronyms were used in England, the son of William Howardson might be Jack Williamson, whose son might be Eric Jackson. What might have been Mr. Jackson's male child's surname?

#### 2. Geographical Abbreviations

What is the meaning of the abbreviation in this line? The east side of the IDL is a calendar day earlier than the west side.

#### Ericson

What force causes rivers to flow toward the ocean and glaciers to move down mountains?

Erosion

#### 3. Novels

"Across the Great River" is the story of a Mexican girl and her family who illegally enter the United States. The title indicates what river?

## gravity

4. Quantities

If you drive twenty miles, what is the least distance, in miles, that you could end up from your starting point?

#### 4. Presidential Births

These presidents were all born in what state? Woodrow Wilson, Zachary Taylor, John Tyler, William Harrison, James Monroe, James Madison, Thomas Jefferson, George Washington

## 0 miles

how old is the universe?

Virginia

Rio Grande

13

International Date Line

Insect Metamorphosis The protective covering of a pupa is made of strands of what lustrous natural fiber?

Astronomical Age Problems If the Earth is 4.7 billion years old, and it came into being 13.3 billion years after the birth of the universe,

silk

18 billion years

## Elementary Quiz Bowl Round 10 Page 2 BONUS

## **TOSSUP**

## 6. Product Multiplication

If you quintuple a number and then quadruple that product, the final product is how many times larger than the original number?

## 6. Spoonerisms

Unspoonerize this sentence. I'm a damp stealer.

#### 20 times

I'm a stamp dealer.

## 7. Book Math

If the sum of two adjacent page numbers is 425, what is the number of the page on the left?

#### 7. African Nations

What country in Africa has a name that includes a synonym for a seashore and the name for the hard, smooth substance composed of dentin that forms the tusks of elephants?

#### 212

Ivory Coast

## 8. Story Characters

Jib and Pushmi Pullyu are characters in what story by Hugh Lofting?

#### 8. Architecture

What is the architectural term for a circular window or a circular opening at the apex of a dome?

#### Dr. Dolittle

oculus

## 9. Cooking Math

How many hours and minutes does it take to bake a 5 1/2 pound venison roast if the recipe says it should bake 24 minutes per pound?

## Mideast Geography

Name the largest body of water adjacent to Israel.

## 2 hr 12 minutes

Mediterranean Sea

## 10. Reciprocals

What is the sum of the reciprocals of 2 and 3?

## 10. Cinema Spoofs

What proper noun should have been used in this line from the comedy, "Animal House"?

Nothing is over until we decide it is! Was it over when the Germans bombed Pearl Harbor?

# Elementary Quiz Bowl Round 10 Page 3 BONUS

## **TOSSUP**

## 11. Asian Nations

After Russia and China, the third largest Asian country is ...

## 11. Anatomy

This is an unusual description of what body system? It is what is left after the insides have been taken out and the outsides have been taken off. Its purpose is something to hitch meat to.

India

skeletal

## 12. Physiology

What organ that is just three percent of your body mass consumes more than twenty percent of the oxygen your body uses?

## 12. Writing Errors

Correct the faulty grammar in this line.

Last Friday, when Richard and me were approaching the old mansion, something bizarre occurred.

brain

Richard and I

# Elementary Quiz Bowl Round 11 Page 1 BONUS

## **TOSSUP**

## Matter

1.

Which phase of matter diffuses most slowly?

## 1. Work Problems

Farnsworth and Dudley took a total of two hours to wash a neighbor's windows. If Dudley worked three times as long as Farnsworth, how long did Farnsworth work?

solid

30 minutes

#### 2. Wonderland

In "Alice in Wonderland," the queen's gardeners are trying to paint what kind of white flowers red?

#### 2. Numbers

What is the additive inverse of 27?

roses

-27

## 3. Silk

Name the enclosure secreted by the silkworm that is unwound to produce threads of silk.

## 3. Scary Stories

These are titles of stories in what series?
The Curse of the Mummy's Tomb
The Barking Ghost
The Cuckoo Clock of Doom

The Abominable Snowman of Pasadena

The Curse of Camp Cold Lake

cocoon

Goosebumps

#### 4. Songs

These are state songs of what state? Where the Columbines Grow Rocky Mountain High

## 4. Musical Metaphors

What line from the song, "Row, Row, Row Your Boat" includes a metaphor?

Colorado

Life is but a dream.

## 5. Marine Biology

Found on rocks, turtles, whales, buoys, and ship hulls, what saltwater crustaceans spend their entire adult lives attached to underwater objects?

## Cube Constructions

If you had to paint the exposed sides of a wall of cubes six cubes wide and three cubes high, how many faces of the cubes would have to be painted?

barnacies

48

# Elementary Quiz Bowl Round 11 Page 2 BONUS

## **TOSSUP**

#### 3. Mexico

The westernmost point in Mexico is on what peninsula?

## 6. Native Americans

Spanish conquistadors found Indians of New Mexico living in apartment-like, adobe brick dwellings called what?

## Baja (Lower) California

pueblos

## 7. Tiny States

What state is 59% the size of Delaware?

## 7. Patriotic Poems

This is a verse from a poem about what American holiday?

Today we honor all of you,

Who served your country with pride, You risked your life for all of us,

As you fought side by side.

#### Rhode Island

Memorial Day

## 8. Word Categories

These are examples of what kind of words? hasn't, ne'er-do-well, jack-o'-lantern, 'twas, aren't, ma'am, should've, o'clock, must've

## 8. Abbreviations

Found throughout dictionaries, the abbreviation "syn." stands for what?

## contractions

synonyms

## 9. Explorers

A cosmonaut of the former Soviet Union was equivalent to an American what?

### 9. Fantasies

This is from what musical?

All you need is trust and a little bit of pixie dust.

## astronaut

Peter Pan

## 10. Stringed Instruments

When the tension on the vibrating string of a musical instrument is increased, what happens to the frequency?

## 10. Russian Expansion

Sea otter pelts brought back to Russia by a 1742 expedition prompted the earliest settlements in what region that would eventually become a U.S. state?

# Elementary Quiz Bowl Round 11 Page 3 BONUS

## **TOSSUP**

## 11. Fads

In the late 1950s, the Hula-Hoop craze swept America. This toy was named after a traditional dance of what islands?

## 11. Periodical Purchasing

The popular magazine "Auksquire" sells for \$3.50 per issue at the newsstand, but you can buy a yearly subscription for \$24. How much do you save by buying the yearly subscription instead of 12 issues at the newsstand?

Hawaiian Islands

\$18

#### 12. Sunshine

Of the eight planets, which receives the least amount of sunshine in any given period?

## 12. Multiplication

If the product of two factors is zero, what can be said about the factors?

Neptune

One of them is zero.

## Elementary Quiz Bowl Round 12 Page 1 BONUS

## TOSSUP

## 1. Marine Poetry

This poem is about what creature?

Strange beauty, eight-limbed and eight-handed,
Whence camest to dazzle our eyes?

With thy bosom bespangled and banded
With the hues of the seas and the skies;
Is thy home European or Asian,
O mystical monster marine?

#### 1. Historical Poems

This is the first verse in a poem about what site?
The leaves of the cottonwoods hung motionless
As, outside the walls, Santa Anna's horde
closed in.

A small band of Texans watched and waited Preoccupied by combat and how life would end.

## octopus

Alamo

### 2. Minimums

Each room in a school contains 8 to 13 benches and on each bench are 7 to 12 students. What is the minimum number of students in any room?

### 2. Biological Homonyms

What fruit with sweet, green pulp has the same name as a flightless bird of New Zealand?

56

kiwi

#### 3. Double Troubles

The number of Tribbles on the space ship Enterprise doubles every minute. If the entire ship was full at 2 p.m., at what time was the ship half full?

#### 3. Dwellings

What is an Eskimo's snow hut called?

1:59 p.m.

igloo

#### 4. Inventions

Papermaking, the compass, gunpowder, and printing are said to be the four great inventions of what ancient civilization?

#### 4. English Usage

Correct this sentence.

Paul couldn't hardly lift his ox.

Chinese

Paul could hardly lift his ox.

## 5. Official Seals

What bird is depicted on the Great Seal of the United States?

#### 5. Locations

Where are you if the stars circle the sky parallel to the horizon?

bald eagle

North Pole

## Elementary Quiz Bowl Round 12 Page 2 **BONUS**

## **TOSSUP** Birds

#### 6.

To conserve energy, flocks of geese, cranes, and pelicans fly in what formation?

#### 6. Marine Mammais

What animal that may weigh more than 4000 pounds and lives in the Arctic resembles a seal with two long, downward-pointing tusks?

#### V-formation

walrus

#### 7. Homographs

What homograph means either a hole or a fruit stone?

#### **Empires** 7.

In 1600, what European country had the largest empire thanks to its conquests in the New World?

#### pit

Spain

#### 8. Polygons

Identify the regular polygon used in stop signs.

#### 8. **British Ursine Stories**

This is an excerpt from what famous story? It is more fun to talk with someone who doesn't use long, difficult words but rather short, easy words like "What about lunch?"

#### octagon

Winnie the Pooh

#### 9. Strange Ladies

What character in "The Hundred and One Dalmatians" is notable for wearing fur coats, liking peppers and other hot things, and for having one part of her hair white and the other black?

#### 9. State Biology

Using the initials of the three continental Pacific coast states south of Alaska, you can spell the name of what mammal?

## Cruella de Vil

COW

#### 10. Refrains

What are the two prepositional phrases in the refrain of the "Star Spangled Banner"?

#### 10. A Good Day for Furry Mammals

In 1798, a London hatter made the first top hat of silk shag, thus reducing the demand for what pelts from America?

## of the free, of the brave

beaver

# Elementary Quiz Bowl Round 12 Page 3 BONUS

## **TOSSUP**

## 11. National Parks

In what state is there a national park featuring a 217 mile-long gorge up to 18 miles wide and 5,200 feet deep?

## 11. Ciphers

These are examples of what markings used in the Old West?

Man in the Moon Crazy Three Window Sash Rocking H Drag 7

Arizona

brands

12. Cities
Two Qs are in the name of what major city of New Mexico?

12. Time Abbreviations

The names for what three months are normally not abbreviated?

Albuquerque

May, June, July

#### Elementary Quiz Bowl Round 13 Page 1 TOSSUP **BONUS** The Sun Islands 1. 1. What is the modern name for the island that Name the moment when the Sun is at its highest Christopher Columbus called "La Isla Espanola"? elevation in the sky. Hispaniola noon 2. 2. Folklore Fruits Name the nut-like fruit of an oak tree. Even to this day, many Italian children are warned by their elders that their noses will grow as long as who's if they do not tell the truth? acorn Pinocchio Military Songs 3. Capitalization How many words should be capitalized in this quote This is a verse from what military song? Day is done by Woody Allen? Gone the sun some guy hit my fender and i said to him, "be From the lakes fruitful and multiply," but not in those words. From the hills From the skies. All is well Safely rest God is nigh. Taps 3. **Democratic Roots** 4. Timekeeping This is about what country? This is about what device for keeping time? The land where democracy was conceived in I who by day am a function of the light the fifth century B.C. has periodically suffered Am constant and invariant by night. the loss and welcomed the rebirth of freedom.

## Greece sundial 5. Linking Verbs 5. Lines

How many linking verbs are in this excerpt? He was lying on his back as hard as armor plate, and when he lifted his head a little, he saw his vaulted brown belly, sectioned by arch-shaped ribs.

What do geometricians call a bent line without angles?

## Elementary Quiz Bowl Round 13 Page 2 BONUS

## TOSSUP

#### 6. Lunar Phases

When we observe a new Moon from Earth, what fraction of the Moon's surface is illuminated by the Sun?

#### 6. Inventions

This letter of 1908 promotes what invention? Our article is a necessity nothing else can take the place of. Go into the street, look at the back of every skirt worn, and see if nine out of every ten doesn't need an invisible, secure fastener to close the opening.

1/2

zipper

#### 7. Music

What is the letter name for the note exactly one octave higher than the G above middle C?

#### 7. Machines

What kind of simple machine may consist of a wheel and a rope?

G.

pulley

### . Silent Letters

Name any word beginning with "sc" in which the "c" is silent.

## 8. Special Days

What can be said about the duration of the day that occurs at the summer solstice?

scene, scent, science, scissors, etc.

It is the longest day of the year.

## . Affixes

The prefixes "octa-" and "octo-" mean what?

#### 9. Children's Verse

This is from what Robert Louis Stevenson poem?

The funniest thing about him is the way he likes to grow -

Not at all like proper children, which is always very slow;

For he sometimes shoots up taller, like an India-rubber ball.

And he sometimes gets so little that there's none of him of all

eight

My Shadow

## 10. U.S. Geography

Name the southernmost U.S. state into which the Great Plains extend.

#### 10. Aviation

Name the hinged surfaces on the trailing edges of the wings of a fixed-wing aircraft that reduce the speed at which an aircraft can be safely flown?

# Elementary Quiz Bowl Round 13 Page 3 BONUS

## **TOSSUP**

11. European Real Estate

What western European country has vastly increased in size thanks to the construction of dikes?

11. Elements

What is the chief element in the Sun?

Netherlands

hydrogen

12. Seeds

The seeds of peas, beans, lentils, and peanuts are enclosed in a case called a ...

12. Fast Flight

The sound associated with supersonic flight is called a sonic ...

pod (seedpod, legume)

boom

## Elementary Quiz Bowl Round 14 Page 1 BONUS

## **TOSSUP**

## 1. Appendages

What are those animal appendages called that resemble claws but do not come to a sharp point?

## 1. Water Routes

Construction of the St. Lawrence Seaway was a joint project involving what two countries?

nails

United States, Canada

#### 2. Sets

Given the set  $\{3, 5, 9, 11, 13\}$ , if the maximum value of x is 9, what is the solution set?

#### Geographical Vocabulary

What is the term for the height above sea level of a parcel of land?

 ${3, 5, 9}$ 

elevation

## 3. Homonyms

What word has these meanings?
-a silvery, poisonous metallic element
-the messenger of the Roman gods
-a small planet

## 3. Geography

Name the imaginary line extending around the Earth halfway between the north and south poles.

mercury (or Mercury)

equator

## 4. Song Synonyms

These are pompous renditions of the first four lines of what song?

Square root of nine sightless small rodents, Square root of nine sightless small rodents, Regard in what manner they skedaddle, Regard in what manner they skedaddle.

#### 4. Carelessness

In one of Aesop's fables, what insect illustrates irresponsibility and laziness?

Three Blind Mice

grasshopper

## Family Members

What member of a family can be described as "a man who expects his son to be as good a man as he meant to be"?

### 5. Antagonists

In "A Wrinkle in Time," the antagonist is referred to as

## Elementary Quiz Bowl Round 14 Page 2

## TOSSUP BONUS Crimes 6. Lyrics from Cinematic Musicals 6. Name the crime of stealing things from people's The lyrics from what song in "Mary Poppins" includes the words "atrocious" and "precocious"? pockets without them knowing. pickpocketing Supercalifragilisticexplalidocious 7. Numbers 7. Perimeters What is the largest two-digit square? What is the perimeter of a square with a side of seven feet? 81 28 feet 8. Factoring 8. **Deficiency Diseases** Bones that are soft, yielding, and deformed are What are all the prime factors of 72? symptoms of what disease associated with a lack of vitamin D in the diet? 2 x 2 x 2 x 3 x 3 rickets 9. Statues 9. Latin America The Statue of Liberty stands in the harbor of what If you alphabetically arrange the countries of South city? America, which is last? New York Venezuela 10. Historic Voyages 10. Marine Zoology

In 1807, Fulton's steamboat, the Clermont, steamed 150 miles up the Hudson River from New York to Albany in 32 hours. To the nearest whole number, the ship traveled at how many miles per hour?

What is the term for seal and walrus limbs adapted for

swimming?

# Elementary Quiz Bowl Round 14 Page 3 BONUS

## **TOSSUP**

## 11. Marine Zoology

In many aquatic animals, name the highly vascularized tissues with large surface areas that are extended into the surrounding water for gas exchange.

## 11. U.S. Government

Which branch of American government is bicameral?

qills

legislative branch

## 12. The Arts

This verse by Longfellow is about what art form? Turn, turn, my wheel! Turn round and round Without a pause, without a sound: So spins the flying world away! This clay, well mixed with marl and sand, Follows the motion of my hand; For some must follow, and some command, Though all are made of clay!

## 12. Suffixes

What is the meaning of the suffix in words such as kitchenette, novelette, and statuette?

pottery (ceramics)

small

## Elementary Quiz Bowl Round 15 Page 1 BONUS

## **TOSSUP**

#### 1. Rivers

Name the largest river of Venezuela.

#### 1, Grammar

Replace one word in this sentence to make it grammatically correct.

Either had gas or your dirty carburetor

Either bad gas or your dirty carburetor are causing your engine problems.

#### Orinoco

change "are" to "is"

## 2. Colors

What color results from mixing red and blue?

## 2. Poetic Descriptions

Name either device indicated in this line. But time is tied to the wrist Or kept in a box, ticking with impatience.

#### purple

watch or clock

## 3. Syllabication

How many syllables are in this line?

I wonder how much deeper the ocean would be without sponges.

### Bridges

Medieval castles surrounded by moats were accessible only across what kind of bridges that could be pulled up against the castle walls?

## 16

drawbridges

## 4. Legends

This is about what legendary figure?

The masts of his ship had to be hinged to let the sun and moon go by. The tips of the masts were padded so they wouldn't punch holes in the sky. The trip to the crow's nest took so long, the sailors who climbed to the top returned with gray beards.

## 4. Reopened Sites

In 2009, for the first time since the 9/11 attacks, visitors were once again permitted to climb the stairs to the crown of what American monument?

#### Stormalong

Statue of Liberty

## 5. Palindromes

Spell a palindrome for a word that may mean either "to look at" or "the sound of a chick."

#### 5. Misplaced Modifiers

What phrase is misplaced in this line?

The patient was bitten by a bat as he walked down the street on his thumb.

## Elementary Quiz Bowl Round 15 Page 2 BONUS

## TOSSUP

#### Subatomic Particles

What subatomic particle is missing below?

Oh proton, how your positive charge makes me blush! / I watch you from a distance, and my heart just turns to mush. / If only I was a neutron, we could frolic for awhile, / and then my dear I'm sure, I would wear a permanent smile. / But alas, I'm an ----, and I must watch you from afar, / so far from where you are.

## 6. Sequels

These are sequels to what story?

- -The Return of the Indian
- -The Secret of the Indian
- -The Mystery of the Cupboard
- -The Key to the Indian

#### electron

The Indian in the Cupboard

## 7. Lots of Stairs

There are 897 steps in the stairwell of what monument in the District of Columbia?

#### 7. Seasons

In the Southern Hemisphere, autumn occurs during what complete two months?

#### Washington Monument

April, May

#### 8. Reflexes

What highly contagious reflex behavior is associated with exhaustion and boredom?

#### 8. Art Forms

This is a quotation by Michelangelo about what kind of artist?

The best artist has that thought alone which is contained within the marble shell. His hand can only break the spell to free the figures slumbering in the stone.

## yawning

sculptor

## 9. Speed

In 3 seconds, a peregrin falcon dove 900 feet, for an average speed of how many feet per second?

#### 9. Poems

What creature asks the question indicated in this excerpt?

Oh no, no," said the little Fly, "to ask me is in vain.

For who goes up your winding stair can ne'er come down again."

## 300

spider

## 10. LCMs

What is the least common multiple of 8 and 24?

## 10. Arthropods

Some of these creatures run after insects. Others creep close to their prey and jump on it. Some hide in holes and jump out to catch passing insects. And many catch insects by means of a substance they exude from the end of their abdomens. Identify these arthropods.

# Elementary Quiz Bowl Round 15 Page 3 BONUS

## **TOSSUP**

## 11. Wonders

What 4,160-mile structure was started in the 7th century B.C. to protect an Asian region from invading Huns and Mongols?

## 11. Historical Poetry

This verse is based on an event in what year?
Go to sleep, go to sleep, Paul Revere.
Please don't make all that noise around here!
How can we rest, when from down in the street
Comes the clomping and the stomping
Of your horse's big feet?

Great Wall of China

1775

## 12. Antagonists

Who is the antagonist in the story, "Rumpelstiltskin"?

12. Planetary Heating

The Sun heats the Earth the most at the equator and least at what regions?

Rumpelstiltskin

the poles