

2016-2017

QUIZ BOWL
PRACTICE QUESTIONS

ELEMENTARY #2

Elementary Rounds

Round Number 1

TOSS-UP

BONUS

1 Ravages of the West

In Laura Wilder's book, "On the Banks of Plum Creek," she describes a glittering cloud of what kind of insects that obscured the Sun?

locusts (grasshoppers)

2 Harbor Maintenance

Name the process of scooping out of harbor bottoms to enable the passage of ships and barges.

dredging

3 Civil Rights

The third Monday of January was set aside as a federal holiday during the 98th Congress. This day is in memory of what civil rights leader?

Martin Luther King

4 Punctuation

Inserting a period after what word makes two meaningful sentences?

King Charles walked and talked half an hour after his head was cut off.

talked

5 Anatomy

The passage that leads from the back of the nose and mouth to the trachea is called the ...

throat

1 Poetry

What type of poem typically begins with this kind of first line?

There was an old man from Nairobi ...

limerick

2 Word Tests

Words that end with these suffixes are usually what part of speech?

-cy, -or, -tion, -ism

nouns

3 Emotion

Name the emotional reaction characterized by unpleasant, often intense feelings and a desire to flee or hide.

fear

4 Agriculture

What is the collective name for the fruit of such grasses as sorghum, millet, rye, barley, oats, wheat, and rice?

grain (cereal)

5 Big Books

Some books have so many pages that they are divided into two or more what?

volumes

Elementary Rounds

Round Number 01

TOSS-UP

BONUS

6 Native Americans

What were those American Indians who built their apartment-like houses high in the sides of canyon walls called?

cliff dwellers

7 Keeping Time

What timekeeping device incorporates two glass bulbs joined together by a tube which permits sand to drain from one bulb to the other?

hourglass

8 Documents

What document begins as follows?
We the people of the United States, in order to form a more perfect union ...

(Preamble to) U.S. Constitution

9 Parodies

What is the actual first line of the poem of which this is a parody?

I shot a rocket in the air,
It fell to Earth, I knew not where
Until next day, with rage profound,
The man it fell on came around.

I shot an arrow into the air

10 Mail Call

The pony express route between Missouri and California was about 1830 miles. If horses were changed at stations every 15 miles, a letter would be carried by how many different horses on this entire journey?

122

6 Story Lines

This is a first line from what story?
All children, except one, grow up.

Peter Pan

7 Lightning

Only about one quarter of all lightning bolts actually strike the ground. On average, there are about 100 occurrences of lightning throughout the world in any given second. About how many bolts of lightning strike the ground every minute?

1500

8 Inventors

In 1760, an English traveler in America said this about whose invention?

I believe no country has more certainly proved the efficacy of the electrical rods than this.
It is observable that no house was ever struck where they were fixed.

Benjamin Franklin's

9 Fantasies

In what story does a veterinarian decide to sail to Africa with a duck, a pig, an owl, and a dog to deal with a terrible sickness among the monkeys there?

Dr. Dolittle

10 Decimal Numerals

Express this as a decimal numeral.
four hundred thirty-five millionths

.000435

Elementary Rounds

Round Number 01

TOSS-UP

BONUS

1 1 Measurement

Even if you do not have the foggiest idea what a pascal is, you still should know that there are how many pascals in a kilopascal?

1 1 Placental Mammals

The name for what small mammal with a leathery armor shell comes from Spanish for "little armored one"?

1000

armadillo

1 2 Speech

Name the formal public discussions in which participants argue opposing points on issues.

1 2 Symbols

The United States flag is called the Stars and Stripes, the Star-Spangled Banner, and Old what?

debates

Glory

Elementary Rounds

Round Number 2

TOSS-UP

BONUS

1 Mythical Dwarves

Name the dwarfs of Scandinavian myths who in the hills or beneath bridges.

1 Marionette Tales

In the story of Pinocchio, what is represented by Jimminy Cricket?

2 Courts

Name the final decision of the jury in a court of law.

trolls

2 Continents

What two continents lie entirely in the Western Hemisphere?

his conscience

3 Brothers

Identify the two brothers who formed the Wright Cycle Company to build and sell bicycles in Dayton, Ohio.

verdict

3 Figurative Language

What figure of speech is illustrated in this?
The situation had become topsy-turvy, like Christmas in the summer if you're in Australia.

North America, South America

4 Mammals

It barks. It lives in towns with hundreds of other families. It resembles a squirrel. Name this little burrowing mammal.

Wilbur, Orville

4 Anthropology

Because "Homo habilis" made crude cutting tools by using one rock to sharpen another, that earliest period of human culture beginning around two million years ago has come to be known as what age?

simile

5 Symbolic Colors

What color in the American flag stands for innocence and purity?

prairie dog

5 Burrows


In "Alice in Wonderland," what animal has a hole that is initially straight like a tunnel, but then opens into a shaft that goes straight down with its sides lined with cupboards, bookshelves, and pictures?

Stone Age

white

rabbit (White Rabbit)

Elementary Rounds

Round Number  2

TOSS-UP

BONUS

6 Historical Blunders

Correct this sentence.

Christopher Columbus' ships were the Nina, the Pinta, and the Santa Fe.

Santa Maria

7 The Reformation

Protestantism began when Martin Luther led a movement to reform what church?

Roman Catholic Church

8 Legends

What legendary character from American tall tales is associated with an implement described as a double-bitted double inclined plane?

Paul Bunyan

9 Green Stuff

Correct the one wrong word in this quote.
I don't like swimming in that pond. It has too much of that green allergy.

algae

10 Music

Any collection of three or more harmonious tones that are played simultaneously is called a ...

chord

6 Multiples

What is the sum of the multiples of 8 that are less than 50?

56

7 Imaginary Adventures

In what book by Maurice Sendak is Max sent to bed where he imagines he is sent to the land of Wild Things where they make him king?

Where the Wild Things Are

8 Multiples

How many multiples of 3 are there between 1 and 1000?

333

9 North American Geography

If Canada is to your west, your north, and your east, you are in what state?

Maine (or Minnesota)


10 Parentheses

What part of this expression must be in parentheses in order for the value of the expression to be 26?

6 times 4 minus 6 divided by 2 plus 5

6 divided by 2

Elementary Rounds

Round Number  2

TOSS-UP

1 1 Parks

What Arizona national park is named after fossilized trees?

BONUS

1 1 Weight Conversions

Eight pounds and three ounces equal how many ounces?

Petrified Forest

131 ounces

1 2 Sound

What phenomenon results when sound waves strike hard, smooth surfaces and are reflected back?

1 2 Shipping

What large, straight-sided, flat-bottomed, shallow draft boats carried most of the goods along the Mississippi River in the 1830s?

echoes

steamboats (paddle wheelers, paddleboats)

Elementary Rounds

Round Number 3

TOSS-UP

BONUS

1 Lakes

Which Great Lake comes first alphabetically?

1 State Capitals

What is the capital city of Oregon?

2 Poems

What are the last words in this verse?
This is 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 ...

Erie

2 Ballads

To whom does the first person pronoun refer in this excerpt from a ballad?
"Before I'd let dis steam drill beat me down,
I'd hammer my fool self to death,
Lawd, Lawd, I'd hammer my fool self to death.

Salem

3 Spelling

These are exceptions to what spelling rule?
rein, leisure, atheism, apartheid

Jack built

3 Stories

In what story by Pamela Travers does a nursemaid blow in on the east wind?

John Henry

4 Bye Bye

What is the permanent disappearance of a species called?

I before e except after c ...

4 Dramatic Conventions

What melodramatic stock character often cackles and leers while twirling his moustache, rolling his eyes, and rubbing his hands together?

Mary Poppins

5 Continents

Name the two continents which lie entirely south of the equator.

extinction

5 Danish Stories

In what Hans Christian Andersen story does a young girl see a vision of her deceased grandmother in the glow of light cast by matches she strikes?

villain

Australia, Antarctica

The Little Match Girl

Elementary Rounds

Round Number 3

TOSS-UP

BONUS

6 Numerals

What is the Arabic equivalent for the sum of these Roman numerals?

D + L + IX

6 Sentence Parts

What parts of speech function as the subjects or objects of sentences?

559

nouns, pronouns

7 Astronomical Classifications

In 2006, the International Astronomical Union officially identified three celestial bodies to receive dwarf planet classification including Ceres, Xena, and what other?

7 Factoring

The prime factors of 1050 are 2 times 3 times 5 times 5 times ...

Pluto

7

8 Fractions

If you had 12 goblets and broke four of them, in lowest terms, what fraction of the goblets were not broken?

8 Age Comparisons

Who is oldest if George is older than Kent, Kent is older than Slim, Slim is younger than George, and Rodney is older than George?

2/3

Rodney

9 Botany

Many foods such as cucumbers, tomatoes, squash, pumpkins, corn, and beans are treated as vegetables but they are actually ...

9 Flowing Water

It starts as a tiny trickle, or rill. It flows downhill, is joined by other rills, gets larger, and becomes a stream. Other streams join it to form what?

fruits

a river

10 Forestry

While walking through an Oregon forest, you come across an eighty-acre parcel in which only stumps remain. What logging practice accounts for this?


10 Heat

At what temperature on the Fahrenheit scale do water molecules vaporize?

clear-cutting

212 degrees

Elementary Rounds

Round Number  3

TOSS-UP

1 1 Altered Words

A space inserted between what two letters in "nowhere" significantly changes its meaning?

w and h (i.e. now here)

1 2 Gases

Name the envelope of gases surrounding some planets.

atmosphere

BONUS

1 1 Communication History

This is about what form of communication?

A key was used to provide pulses of electric current to a wire from a battery. The pulses could be dispatched in patterns forming codes representing the letters and numbers that made up the message.

telegraph

1 2 Silo Math

If three silos can be filled with grain in 9 hours, what part of a silo is filled in 60 minutes?

1/3

Elementary Rounds

Round Number 4

TOSS-UP

BONUS

1 Temperature Changes

What was the original air temperature if a drop of 14 degrees brought the temperature to 74 degrees?

88 degrees

2 State Nicknames

What is the Mount Rushmore state?

South Dakota

3 Devices

What is the general term for a weight suspended from a pivot such that the weight may freely swing back and forth?

pendulum

4 Animal Quotes

What character created by A.A. Milne said this?
It is hard to be brave when you're only a Very Small Animal.

Piglet

5 Time Problems

What time is it if it is 120 minutes to 4?

2 o'clock

1 Voyages

At the same time that Christopher Columbus took command of the Santa Maria, Martin Pinzon took command of the Pinta, and Vicente Pinzon took command of the ...

Nina

2 Time

How many years are in seventeen decades?

170

3 Longitude

Philadelphia, Pennsylvania, is at a longitude of 75 degrees west. It is how many degrees east of the International Date Line?

105

4 Strange Creatures

What organism with this unusual combination of characteristics lives in Tasmania and Australia?
-a furry beaver-like tail
-a leathery bill
-webbed feet with 5 clawed toes

platypus

5 Big Meat Eaters

Native to Arctic regions, name the largest land carnivore.

polar bear

Elementary Rounds

Round Number 124

TOSS-UP

BONUS

6 Longitude

What special line of longitude passes through Greenland, Finland, Alaska, Russia, and Canada?

6 Plant Problems

What is the name for a plant's loss of shape caused by a water shortage?

Arctic Circle

wilting

7 Star Math

The nearest star to Earth, other than the Sun, is Alpha Centauri, 4.5 light years away. Since one light year equals about six trillion miles, how many miles away is this star?

7 Percent

If 25 percent of some number is 56, what is the number?

27 trillion

224

8 Business Vocabulary

What adjective that rhymes with "appearance" indicates a type of sale designed to get rid of older goods and make room for new ones?

8 Emerging Threats

In 2012, there were continuing concerns voiced by Israeli, American, and Western European leaders about the nuclear program of what Mideast country?

clearance

Iran

9 Literary Forms

Many of the famous people whose achievements shaped the modern world wrote about their own lives and times. What are such books called?

9 Reptiles

What is the collective name for limbless reptiles?

autobiographies

snakes

10 Faults

Name the strike-slip fault that runs about 750 miles from the Gulf of California to Cape Mendocino.

10 Plant Reproduction

In moving from one flower to another in search of nectar, bees may transport what substance from the anther of one flower to the stigmas of other flowers?

San Andreas Fault

pollen

Elementary Rounds

Round Number 4

TOSS-UP

1 1 Fish

Name the largest river in which you could find arapaima, electric eels, and piranhas.

BONUS

1 1 Bizz Buzz

In the Bizz Buzz game, a number divisible by three is replaced by "bizz" and a number divisible by 5 is replaced by "buzz," and a number divisible by either is replaced by "bizz buzz". What is the first bizz buzz number greater than 19?

Amazon

30

1 2 Poetry

This is from a Robert Louis Stevenson poem about what phenomenon?

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 at all.

a shadow (his shadow)

1 2 Handwriting

What term indicates that written letters are joined together in a flowing style?

cursive

Elementary Rounds

Round Number 13 5

TOSS-UP

BONUS

1 Legal Documents

What document is the official record of the time, date, and place you were born?

birth certificate

2 Termites

What word completes this ditty by Ogden Nash?
Some primal termite knocked on wood
And tasted it, and found it good,
And that is why your Cousin May
Fell through the parlor floor ...

today

3 Handling of the Dead

The Egyptians developed a form of embalming called what?

mummification (mummifying)

4 Calendar Math

If the first Monday of the month falls on the 4th, the fourth Wednesday of the month falls on what day?

27th

5 Refractors

What is the name for a curved, transparent glass body that bends light rays?

lens

1 Musical Tones

What is the name for a tone in music represented by a symbol?

note

2 Combinations

If you have 4 shirts and 4 jackets, how many different combinations of shirts and jackets could you wear?

16

3 Circles

The point inside a circle that is the same distance from each point on the circle is the ...

center

4 Chanteys

This verse is about what American folk hero?
Old Stormy was a seaman bold,
A grand old man from the days of old.
For fifty years he sailed the seas,
Through winter storm and summer breeze.
Of all the old skippers he was the best,
But now he's died and gone to rest.

Stormalong

5 Maritime Vocabulary

In naval parlance, what is a synonym for an armada?

fleet

Elementary Rounds

Round Number 135

TOSS-UP

BONUS

6 Respect

What is the last word in this poem?
Here's one of the rules
That we learn just by living.
Respect is a thing
That is gotten by ...

6 Explorers

This is about what 13th-century explorer?
His overland journey from Venice to China took
four years and the return by sea took three.

7 Water

What happens to the velocity of water as it leaves a
hose?

giving

7 Geologic Phenomena

What is the term for a sudden release of liquid,
solid, or gaseous material from an opening in the
Earth's crust?

Marco Polo

8 Seas

Name the world's largest inland sea.

It decreases.

8 Wonders

Which of the seven natural wonders of the world is
on the Nepalese-Tibetan border?

eruption

9 Ancient Authors

Who wrote the story about a boy who, without
basis, yelled this?
Wolf! Wolf! The wolves are at my lambs!

Mediterranean

9 Decimals

What is the terminating decimal for the fraction
 $17/20$?

Mt. Everest

10 Screws

What type of screws have cross-slotted heads?

Aesop

10 Measurement

How many feet are in 11 yards?

.85

Phillips head

33

Elementary Rounds

Round Number 135

TOSS-UP

1 1 Stuff

Matter is anything that has mass and occupies what?

1 2 Percentage

24 is what percent of 96?

BONUS

1 1 Musical Metaphors

What is the "mother" in these lyrics by Benjamin Franklin?

We have an old mother that peevish is grown,
She snubs us like children that scarce walk
alone,

She forgets we're grown up and have sense
of our own

Which nobody can deny, deny,

space Which nobody can deny. Great Britain (England)

1 2 Ursine Literature

What fictional character said this?

When you are a Bear of Very Little Brain, and
you Think of Things, you find sometimes that
a Thing which seemed Thingish inside you is
quite different when it gets out into the open
and has other people looking at it.

25%

Winnie-the-Pooh

Elementary Rounds

Round Number 6

TOSS-UP

BONUS

1 Sensation

What sense can be temporarily disturbed by being in continuous free fall or riding on a merry-go-round?

sense of balance

1 Squaring Numbers

39 squared equals ...

1521

2 Climatic Antonyms

In terms of climate, what is the opposite of arid?

humid (wet, moist, damp, sodden, etc.)

2 Archaeology

Near the Pyramid of Cheops is what statue of a lion with a man's head carved from a single rock?

Sphinx

3 Navigators

In 1580, what explorer entered Plymouth Harbor after having made the first circumnavigation of the world by an Englishman?

Francis Drake

3 Sensation

What membrane in the ear vibrates in response to sound waves and transmits these vibrations via the ossicles of the middle ear to the cochlea of the inner ear?

eardrum (tympanic membrane)

4 Milk

Almost all of the milk you can buy has been fortified by the addition of what water-soluble organic substances that are essential for growth and body maintenance?

vitamins

4 Versified Fairy Tales

This is from a poetic version of what fairy tale?
As soon as Wolf began to feel
That he would like a decent meal,
He went and knocked on Grandma's door.
When Grandma opened it, she saw
The sharp white teeth, the horrid grin,
And Wolfie said, 'May I come in?'

Little Red Riding Hood

5 Bridges

Name the suspension bridge spanning the entrance to San Francisco Bay.

Golden Gate Bridge

5 Coin Problems

You could make 25 cents with what 13 coins?

3 nickels, 10 pennies

Elementary Rounds

Round Number 146

TOSS-UP

BONUS

6 Posy Poetry

James Russell Lowell wrote this to what flower?
Dear common flower, that grow'st by the way
Fringing the dusty road with harmless gold!
First pledge of blithesome May,
Which children pluck and full of pride uphold -
High-hearted buccaneers, o'erjoyed that they
An Eldorado in the grass have found.

dandelion

7 Articles

What two indefinite articles may be used before nouns that begin with a, e, i, o, or u?

an, the

8 Long-time Leaders

This is about what contemporary national leader?
His beard, cigars, and frequent wearing of
combat uniforms have given him a distinctive
appearance among heads of governments.

Fidel Castro

9 Reciprocals

Express as an improper fraction the difference between $3 \frac{1}{2}$ and its reciprocal.

45/14

10 Big Earnings

In the 1890s, Andrew Carnegie's annual income was \$7.5 million dollars, some 7,500 times more than the average middle-class salary of how many dollars per year?

\$1000

6 Fictional Thieves

What young hero stole a harp with golden strings and a goose that lays golden eggs?

Jack

7 Electricity

What is the collective term for substances such as rubber or porcelain that do not carry electricity?

insulators

8 Planets

Which planet was named after the king of the Roman gods?

Jupiter

9 Scientific Instruments

This is a description of what scientific instrument?

It has an ink pen attached to a long arm. The arm is weighted down and attached to a spring. During a geological disturbance, the arm bounces, causing the pen to leave marks on paper.

seismograph

10 Valleys

What is the term for the bottom of a valley?

floor

Elementary Rounds

Round Number 14 6

TOSS-UP

1 1 Biomes

What biome is characterized by high daytime temperatures, cold nighttime temperatures, sparse vegetation, little topsoil, and little rainfall?

BONUS

1 1 Ecology

The term "ecosystem" is a contraction of what two words?

1 2 Headlines

Who is indicated by this headline from a London tabloid?

Peanut farmer is President

desert

1 2 Sentence Transformation

Transform this declarative sentence into an interrogative sentence.

It was a nine-footed beast.

ecological system

Jimmy Carter

Was it a nine-footed beast?

Elementary Rounds

Round Number 15 7

TOSS-UP

BONUS

1 Land Forms

Name the land forms which result from wind moving particulate sediments across a desert.

dunes (sand dunes)

2 Light

What occupies all of the space behind an opaque object that has a light source in front of it?

a shadow

3 Astronomical Paths

Name the pathway the Earth travels in making one round trip around the Sun.

orbit

4 Gases

What two gases are capable of providing lift to airships?

hydrogen, helium

5 Sound

Sound takes about 5 seconds to travel 1 mile. If you shout across a wide valley and your echo returns in 10 seconds, how wide is the valley?

1 mile

1 Clouds

Name the ground level cloud that often reduces visibility to one kilometer or less.

fog

2 Headline Grammar

What preposition should have been used in this headline?

Men Burst in Home, Steal Cash

into

3 Measurement

How many pints are in 4 1/2 gallons?

36

4 Etymology

These words were borrowed directly from the languages of what people?

hickory, chipmunk, tepee

Indians (Native Americans)

5 Pledges

The original Pledge of Allegiance included the line - "to my flag and to the republic for which it stands." What words replaced "my flag"?

the flag of the United States of America

Elementary Rounds

Round Number 15 7

TOSS-UP

BONUS

6 Missing Numbers

What number is missing at the beginning of this sequence?

----, 45, 135, 405

6 Songs

"Frere Jacques" is often sung such that different voices sing the same words but start at different times. What is the name for such a song?

7 Great Lakes

What state borders both Lake Erie and Lake Ontario?

15

round (canon)

7 Clocks

What type of clock invented by ancient Egyptians was useless at night?

8 Success

What is the last word in this poem by Henry Wadsworth Longfellow?

The heights by great men reached and kept
Were not attained by sudden flight,
But they, while their companions slept,
Were toiling upward in the ...

New York

sundial

8 Time

1/60th of 1/60th of 1/24th of a day is one what?

9 Poetic Beginnings

What poem begins with these words?

The outlook wasn't brilliant for the Mudville
nine that day.

The score stood four to two with but one
inning more to play.

night

second

9 Colonial Ships

In 1620, two vessels left Southampton, England, but the Speedwell soon had to turn back, leaving what other ship to complete the historic journey and carry settlers to the New World?

Casey at the Bat

Mayflower

10 Venom

Venomous animals dispense their poisons by squirting, stinging, or by what other means?

10 Treason

What is the term for a person who commits treason?

biting

traitor

Elementary Rounds

Round Number 15 7

TOSS-UP

1 1 Measurement

Convert 10 yards 8 feet 10 inches to inches.

BONUS

1 1 Latin American History

What conquistador was responsible for the murder of the Aztec leader, Montezuma?

1 2 Midwest Capitals

What is the capital of Missouri?

466 inches

Hernando Cortes

1 2 Tearjerkers

Anna and Caleb's mother dies, and their father places an ad for a wife in an eastern newspaper. Sarah, a lady from Maine replies. Sarah is described as being plain and what?

Jefferson City

tall

Elementary Rounds

Round Number 168

TOSS-UP

BONUS

1 Adages

According to the adage, you should measure twice before you do what once?

1 Tense Transformations

Transform this line into the past tense.
She rides a killer whale.

2 Maps

Name the imaginary lines that separate these regions.

- Egypt and Libya
- France and Spain
- Peru and Bolivia
- Missouri and Illinois

cut

She rode a killer whale.

2 Reciprocals

What is the reciprocal of the fraction x/y ?

3 Vocabulary

What one word can have these meanings?

- a small island off Florida
- a part of a piano
- something that will open a lock

border (or boundary)

y/x

3 Mammals

What living but endangered mammals can reach 3.5 meters in height and weigh six tons?

4 Place Value

What number equals the following?
 $(2 \times 1000) + (3 \times 10) + (5 \times 1)$

key

elephants

4 Meteorology

Name the divisions of the year based on changes in climatic conditions.

5 Plant Poems

This is about what fruit?
Green Buddhas
On the fruit stand.
We eat the smile
And spit out the teeth.

2035

seasons

5 Story Settings

"Hans Brinker and the Silver Skates" is set in what European country?

watermelons

Netherlands (Holland)

Elementary Rounds

Round Number ~~16~~ 8

TOSS-UP

BONUS

6 Aircraft

What type of aircraft achieves lift and propulsion by means of a rotary wing on top of the fuselage?

helicopter

7 Reptiles

What kind of snake is the sidewinder?

rattlesnake (pit viper)

8 Measurement

What metric unit is used to measure liquid volume?

liter

9 Pipe Lengths

Two pipes are joined together with an elbow 6 inches long. The pipes are 6' 7" long and 4' 10" long. What is the total length?

11' 11"

10 Geologic Change

Sometime about 200 million years ago, all continents were connected to form a single supercontinent. That land mass broke up into several large continents that slowly moved apart from one another, a movement known as continental ...

drift

6 Wartime Presidents

The U.S. was embroiled in what war while these men served as presidents?

John Kennedy
Lyndon Johnson
Richard Nixon

Vietnam War

7 Marine Landforms

The skeletons of what marine animals form much of the framework of warm-water reefs?

coral

8 Technology

Water is converted into steam in vessels that feed the steam turbines that produce electricity or drive old locomotives. Name these vessels.

boilers

9 Speed Problems

An airplane traveled 1470 miles in 3 1/2 hours. Compute its rate of speed.

420 mph

10 Electricity

What occurs when wires in an electrical circuit that are not supposed to touch are brought into contact?

a short (short circuit)

Elementary Rounds

Round Number 16 8

TOSS-UP

BONUS

1 1 Moisture

The drops of moisture that form on leaves and grass during the night comprise what?

1 1 Physical Science

What is the name for any substance that contains only one kind of atom?

1 2 Precipitation

Averaging only nine inches of rain per year, what is the driest state in the U.S.?

dew

1 2 Water

What is the name for water's gaseous phase?

element

Nevada

steam (vapor)

Elementary Rounds

Round Number 9

TOSS-UP

1 Word Math

Pick any whole number and write it as a word. Count the number of letters in the word and write that number as a word. Count the number of letters in that word and write it as a word. Eventually you end up with what number?

four

2 Nouns

These belong to what special class of common nouns?

outcrop, dropout, supertanker, downtime

compound nouns

3 Performing Arts

With its name derived from the Latin word for circle, what kind of entertainment traditionally features juggling, trapeze artists, trained animals, and tightrope walkers?

circus

4 Political Change

This is about what country?

In 1949, the world's most populous nation became a communist country.

China

5 The Rock Cycle

What kind of rock forms when intense heat and pressure cook and squeeze sedimentary rock beneath the Earth's surface?

metamorphic rock

BONUS

1 Doggerel

What do the words "ruddig doud" mean in this bit of seasonal poetry?

Sprig is just aroud de corder-
Which rebides be I bust order
Xdra kleeDEX, cough drops, ad a big jar of vix.
Cause whed I walk id de doud toud
By dose will cub a ruddig doud.

running down

2 The Earth

Either of the extremities of the Earth's axis of rotation is called a what?

pole

3 Number Patterns

What are the next three numbers in this sequence of numerals?

2 4 6 5 7 9 8 ...

10 12 11

4 The Fur Trade

In peak years, beaver pelts sold for \$6 apiece, enabling many trappers to make about \$1000 per season. How many beavers would a trapper have to sell to earn at least that amount?

167

5 Decimals

Express $1\frac{1}{2}\%$ as a decimal.

.005

Elementary Rounds

Round Number 179

TOSS-UP

BONUS

6 Expressions

What word completes this line written by Miguel Cervantes in the seventeenth century?

Why do you lead me on a wild-goose ...

6 Measurement Multiples

Multiply a third of a dozen by a baker's dozen.

7 Physiology

The functioning of what paired organs depends on action of the diaphragm?

chase

7 Geographic Regions

What noun indicates the immediate region in which a person lives?

52

8 Year Palindromes

1991 was a palindromic year. What was the next palindromic year?

lungs

8 Homographs

What word can refer either to a liquid mixture used for cakes or a baseball player?

neighborhood

9 Poetic Punnery

What is the last word in this ditty?

Ben Battle was a soldier bold,

And used to war's alarms.

But a cannon ball took off his legs,

So he laid down his ...

2002

9 Animal Anagrams

"Emitter" is an anagram for what social insect?

batter

10 Fantasies

In "The Last Unicorn," practically all of the world's unicorns are held captive by what creature?

arms

10 U.S. Geography

What state's name begins with "D"?

termite

the Red Bull

Delaware

Elementary Rounds

Round Number 179

TOSS-UP

BONUS

1 1 Distance Measurement

In one-half mile there are how many feet?

1 1 Workplaces

Name the principal workplace of the U.S. president.

2640 feet

White House (Oval Office)

1 2 Pests

This describes what arachnids?

These are tiny creatures living in the woods and fields that attach to you as you brush past bushes, plants, and grass. Once they are on you, they often move to a warm, moist location like the armpits, groin, and hair where they attach firmly to your skin and draw blood.

ticks

1 2 Stories

The old queen put something on the bedstead. Then she took twenty mattresses and piled them on top, and then twenty feather beds were placed on top of the mattresses, atop which the princess was to sleep. What was put on the bedstead?

a pea

Elementary Rounds

Round Number 18 10

TOSS-UP

BONUS

1 Weight

Old Salty McCormick has just landed a fish which weighs 256 ounces. What is the weight of this fish in pounds?

16 pounds

2 Decimals

Translate this into a decimal number.

Sixteen thousand four hundred fifty-three and twenty-five ten thousandths.

16453.0025

3 Word Derivations

What common English word was derived from the Latin phrase, "mille passum," which meant "one thousand paces"?

mile

4 Canadian Rivers

Name the largest river near the cities of Montreal, Ottawa, and Quebec.

St. Lawrence

5 Whales

The skin of the orca or killer whale is two-toned. What are the colors?

black, white

1 Compass Headings

An airplane flying directly from Tokyo to San Francisco would follow what compass heading?

east

2 Light

What color absorbs all light?

black

3 The Old West

In early summer, cowboys would round up cattle and move them to higher summer pastures. This move was called a cattle what?

drive

4 Patriotic Poetry

What woman's name is missing in these verses?

Let me tell you of the legend of ----

We will all see the beautiful stars and bars

For to miss this beauty would be an awful loss

Was her destiny to be written by the stars?

Each star would represent a united state

United we stand and divided we fall

She would sew the symbols with a love Betsy Ross

5 Unusual Births

In what story by E.B. White is a mouse born to an apartment-dwelling Park Avenue family?

Stuart Little

Elementary Rounds

Round Number ~~18~~ 10

TOSS-UP

BONUS

6 Consumption Calculation

If Froggie eats three flies in one minute and Kermit eats two per minute, how many do they consume together in 12 minutes?

6 Static Fluids

Complete this line about water pressure.
Water seeks its own ...

7 Fossils

Fossilized insects may be found in amber, a rocklike yellow substance. What was amber in its original state before hardening?

60

level

7 Memorials

This verse is about what U.S. national memorial?
High atop a mountain peak
Among the Black Hills pine
Four stone faces grace the sky
A monumental shrine.

8 Fuels

What gas is the simplest and lightest fuel?

sap

Mt. Rushmore

8 Measurement Problems

Subtract 7 feet 5 inches from 5 yards.

9 Nutrition

Which major nutrient group is abundant in milk, fish, cheese, and meat?

hydrogen

2 yd. 1 ft. 7 in. (or 7' 7")

9 Suffixes

What does the suffix mean in these words?
pesticide
herbicide
insecticide

10 Jingles

What "occupation" completes this jingle?
Tinker, tailor, soldier, sailor,
Rich man, poor man, beggar man, ...

protein

killer (kill)

10 Frost

What is the popular name for a heavy frost that ends a region's growing season?

thief

killing frost

Elementary Rounds

Round Number 18 10

TOSS-UP

BONUS

1 1 Bear Food

What kind of fish are particularly important in the diet of Alaskan bears?

salmon

1 2 Weight Gain

Jabba gained six pounds on Monday. He gained twelve more pounds on Tuesday and eighteen pounds on Wednesday. If this trend continues, how much weight will he gain on Saturday?

36 pounds

1 1 Arithmetic Sequences

What is the next term in this sequence?

1 4 7 10 13 16 ---

1 2 Sentences

Declarative sentences are to periods as interrogative sentences are to what punctuation mark?

question marks

19

Elementary Rounds

Round Number 19 | \

TOSS-UP

BONUS

1 Silly Surveys

What number is missing in this survey result?
The latest survey shows that 3 out of 4 people
make up --% of the world's population.

75%

2 Lakeside States

Which is last on an alphabetical list of states
bordering the Great Lakes?

Wisconsin

3 Time in the Middle Ages

In Europe during the Middle Ages, the day was
divided into two parts consisting of 12 hours of
daylight and 12 hours of darkness. So, the lengths
of the hours varied with the seasons. During
which season was an hour of dark shortest?

summer

4 Maps

This is about what part of a map?
It defines the relationship between a map and
the part of the Earth it represents. It allows
you to compare distances on the map to
distances on the Earth's surface.

scale

5 Fables

The moral that liars are not believed even when
they tell the truth is from Aesop's fable about a
shepherd boy and what carnivorous mammal?

wolf

1 Stems

What is the thick, primary stem of a tree called?

trunk

2 Homonyms

What piece of equipment for hoisting massive
objects shares a name with a long-legged wading
bird?

crane

3 A Tale of Tails

What in the solar system may have a tail over
sixty million miles long?

a comet

4 Mystery Numbers

If the difference between two numbers is 6 and the
sum of the two numbers is 18, what are the
numbers?

6, 12

5 Stories

What story by Jan Slepian concerns the friendship
of Lester, whose cerebral palsy makes him look
"like a puppet whose manager has been goosed by
lightning," and Alfred, a skinny kid with black
curls, dark eyes and "nothing going on inside or
outside"?

The Alfred Summer

Elementary Rounds

Round Number **10** ()

TOSS-UP

BONUS

6 Capital Cities

Concord is the capital of what state?

6 Rounding

Round .17433 to the nearest hundredth.

New Hampshire

.17

7 Time Problems

In lowest terms, all the Marches, Aprils, and Mays comprise what fraction of a decade?

7 Money Problems

You bought 4 giant earthworms for \$10 and sold them for \$3.25 each. How much profit did you make?

1/4

\$3.00

8 Historic Preservation

In 1858, the Mount Vernon Ladies' Association of the Union purchased whose home to protect it from falling into decay?

8 Sons of Liberty

Notable members of the Sons of Liberty included the physician Benjamin Rush, the lawyer Patrick Henry, the businessman Benedict Arnold, and what silversmith?

George Washington's

Paul Revere

9 Documents

What document was signed in 1776 on July 4th?

9 Heroes

This is about whom?

In 1927, this lanky stunt flier called the Flying Fool courageously piloted his monoplane from New York to Paris in a grueling 33 hours 39 minutes.

Declaration of Independence

Charles Lindbergh

10 Percentage Problems

The Wossamatta U basketball team scored 800 points this year. If Bullwinkle scored 30% of those points, how many points did he score?

10 Native Americans

What dwellings are suggested in this excerpt?

The Hopi, Zuni, and Anasazi Indians of the southwest lived in proto-condominiums made of adobe and stone.

Elementary Rounds

Round Number 19 11

TOSS-UP

BONUS

1 1 Anatomical Adjectives

"Coronary" indicates what organ?

heart

1 2 Distances

What is the distance from 450 feet below sea level to 920 feet above sea level?

1370 feet

1 1 Achievement Poetry

What is the last word in this poem by Arthur Guiterman?

He rarely hits the mark or wins the game

Who says, "I know I'll miss!" while taking ...

aim

1 2 Fractions

What type of fractions are these?

27/6, 18/5, 221/9

improper

Elementary Rounds

Round Number ~~20~~ 12

TOSS-UP

BONUS

1 Grocery Shopping

If a bag contains 5 pounds of avocados at 90 cents per pound and 6 pounds of kumquats at \$1.35 per pound, what is the cost of the combined mixture?

\$12.60

2 Fables

This moral came from a fable by Aesop about what kind of bird?

Much wants more and loses all.

goose

3 Historical Novels

These are titles of books about what conflict?

Shades of Gray

The Guns of Vicksburg

Johnny Reb

Civil War

4 Rodents

What is the common name for rodents that often collect various small, bright, shiny objects and bits of material to deposit in their nests?

pack rats

5 Inventors

What U.S. inventor came up with a single-barreled pistol with a rotating cylinder?

Samuel Colt

1 Sentence Parts

What is the simple subject and predicate in this sentence?

But, as other historians and novelists have made much clearer, very little was truly romantic about the Civil War.

little was

2 Devices in Science

A coffee maker uses a special paper that allows water but not grounds to go through it. Some cameras have special lenses that only allow certain colors to pass through. In both cases, this device is called a what?

filter

3 Scientific Descriptions

What bird is described in this excerpt?

The body and part of the neck being of a dark brown, the upper part of the neck and head is covered with a white sort of down, whereby it looks very bald, whence it is so named.

bald eagle

4 Reciprocals

What is the reciprocal of 21?

1/21

5 Capitalization

What words in this book title need not be capitalized?

alexander and the terrible, horrible, no good, very bad day

and, the

Elementary Rounds

Round Number ~~20~~ 12

TOSS-UP

BONUS

6 Prefixes

What common prefix is used in words describing a four-sided polygon and a four-legged mammal?

6 Poetic Tributes

This is from a tribute to what author?
From babies to grown-ups and all in between,
Who can't remember Sam's Ham and Eggs
Green?
The Lorax! and Horton!
And Star-bellied Sneetches!

7 The Earth's Axis

The Earth's axis of rotation coincides with that diameter terminating the Earth's geographical north and south what?

quad

Dr. Seuss (Theodor Geisel)

7 Weaponry

Natives of Africa and South America use what tall, woody, tropical grass to make blowguns?

8 Heteronyms

Spell the heteronym that can mean either "to shut" or "near."

poles

8 Factors

What is the prime factorization of 96?

bamboo

9 Islands

In what ocean are Melanesia and Micronesia?

close

9 Historical Quotes

To whom was King George III referring with these words?
We must master them or totally leave them to themselves.

2 x 2 x 2 x 2 x 2 x 3

10 Europe

Scotland, Northern Ireland, Wales, and England are part of the United what?

Pacific

colonists (Americans)

10 Fraction Division

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

Kingdom

3/2

Elementary Rounds

Round Number ~~20~~ 12

TOSS-UP

BONUS

1 1 Fictional Characters

This is about what character created by Donald Sobol?

He read more books than anyone in Idaville, and he never forgot a fact. His pals said he was like a library and a computer rolled into one, and more user-friendly.

Encyclopedia Brown

1 2 Storms

What kind of storm could measure 1000 miles across and have sustained winds of 200 miles per hour?

hurricane

1 1 Fantasy Homes

Who wrote this?

In a hole in the ground there lived a hobbit. Not a nasty, dirty, wet hole, filled with the ends of worms and an oozy smell, nor yet a dry, bare sandy hole with nothing in it to sit down on or to eat. It was a hobbit-hole, and that means comfort.

J.R.R. Tolkien

1 2 English Allegories

One book in "The Chronicles of Narnia" by C.S. Lewis is entitled, "The Voyage of the Dawn" what?

Treader

Elementary Rounds

Round Number 13

TOSS-UP

BONUS

1 Construction

Name the flat metal disk placed beneath a bolt head or nut to help distribute the pressure and secure the fastener.

washer

2 Optics

What common optical instrument consists of a pair of parallel telescopes?

binoculars

3 Influence

Congressman Cornpone was offered a condo in Capistrano, a Cadillac, and a sizable chunk of change if he would vote yes for a proposed law on conifer conservation. Any such offer to influence an official's views is called a what?

bribe (payoff)

4 Government

Name the process by which voters choose people for office.

election

5 Avoirdupois Weight Problems

How many ounces are in 4 pounds?

64

1 Metals

What soft, dense, blue-gray metal is used in solder and radiation shields, but has its greatest single use in car batteries?

lead

2 Mixtures

Gary the grocer mixes 12 pounds of coffee at \$3.50 per pound with 8 pounds of \$4 per pound coffee. What is the cost per pound of the mixture?

\$3.70

3 Literary Forms

What category of literature includes works published weekly, monthly, or quarterly?

periodical

4 Pending Prizes

Since 1979, an Israeli town has offered a yet-unclaimed prize for anyone who can prove the existence of what legendary sea creature with a female human head and torso and the tail of a fish?

mermaid

5 Perimeters

Three consecutive integers represent the lengths of the sides of a triangle. If the perimeter is 63 feet, what is the length of the shortest side?

20 feet

Elementary Rounds

Round Number 21 13

TOSS-UP

BONUS

6 Glass

What kind of glass is produced by forcing molten glass through tiny holes in metal plates?

fiberglass

7 Plate Tectonics

On hitting a lighter continental plate, a heavy oceanic plate slides down into the mantle. There, the plate edge melts and the magma rises to the surface forming what surface features?

volcanoes (lava flows)

8 Governments

What name for a group of about three hundred rulers in the Roman Republic is also used for one of the houses of the U.S. legislative branch?

Senate

9 Number Patterns

What are the next three numbers in this series?
2 4 3 6 5 10 ...

9 18 17

10 Banking

When you go to the bank to put money into an account, you are making what?

a deposit

6 Animal Behavior

Whales and caribou leave one region each year and make long journeys to another location. Later in the year they return. These journeys are called annual what?

migrations

7 Literary Orphans

Henry, Jessie, Violet, and Benny are orphans in what story by Gertrude Chandler Warner?

The Boxcar Children

8 Sentence Subjects

What is the subject of this line by Will Durst?
In San Francisco, Halloween is redundant.

Halloween

9 Combustion

The incomplete combustion of hydrocarbons results in the emission of black smoke consisting of minute carbon particles called ...

soot

10 Sailing

While you sail north through the Bering Strait, what land mass is to your east?

Alaska (North America)

Elementary Rounds

Round Number 13

TOSS-UP

BONUS

1 1 Chants

What activity are people probably involved in when they use this chant?

Cinderella, dressed in yella,
Went upstairs to kiss a fella,
Made a mistake,
Kissed a snake,
How many doctors will it take?

rope jumping

1 2 U.S. Bases

Name the major U.S. naval base in Hawaii.

Pearl Harbor

1 1 Temperature Doggerel

What word completes this ditty?

If Centigrade confuse you,
As very well it might,
Nine-fifths of C, plus thirty-two
Will give you ...

Fahrenheit

1 2 Sentences

What part of a sentence tells whom or what the sentence is about?

subject

Elementary Rounds

Round Number 22 14

TOSS-UP

BONUS

1 Ancient Theater

Complete this line first used in a play by Titus Maccius Plautus in 213 B.C.
Such things are easier said than ...

1 Matter

Matter may exist as a gas or in what other two states?

2 Odd or Even

In a list of 147 whole numbers, 86 are odd. How many are even?

2 Troll Tolls

What was the percentage increase when the trolls increase the toll to cross a bridge from 50 cents to 60 cents?

3 Zoology

What is a name for a large number of wild quadruped mammals that remain together as a group?

3 Weapons

What pole weapon consists of a shaft of wood with a pointed head?

4 Oil Offloading

How many cubic meters of petroleum can be carried by 150 ships if each ship can carry 130,000 cubic meters of oil?

4 Musicians

What American composer is the March King?

5 Cartoon Namesakes

The name of Scrooge McDuck was based on what character of British fiction?

5 Singing Voices

What is the highest natural adult male singing voice?

Ebenezer Scrooge

tenor

Elementary Rounds

Round Number 22 14

TOSS-UP

BONUS

6 Reflex Reactions

If your body becomes cold, your muscles will begin to quickly contract and relax to help generate heat, a reaction called ...

shivering

7 Government Foundations

A written set of the fundamental rules and principles that people agree upon as the foundation for their government is called a ...

constitution

8 Money Idioms

Excess money that you are tempted to spend is said to be burning a hole in what part of your apparel?

pocket

9 Senators

How many members of the U.S. Senate represent these states?

North Carolina
Rhode Island
Alaska
Pennsylvania

10 Precipitation

Most precipitation in arctic climates is in the form of what?

snow

6 British Fantasies

In a story by C.S. Lewis, who rules Narnia and keeps it in a perpetual state of winter?

White Witch

7 Nouns

What is the abstract noun in this line?

Doris had intended to only buy some fruit, rolled oats, and green tea, and her purchase of sauerkraut was an afterthought.

afterthought

8 Factoring

What are the prime factors of 630?

2, 3, 3, 5, 7

9 Context Clues

What are the two context clues for the word "noxious" in this sentence?

The lake water was full of noxious materials such as solvents from factories and pesticides from upstream farms.

solvents, pesticides

10 Crimes

Name the crime of betraying one's own country or of actively assisting in its overthrow.

treason

Elementary Rounds

Round Number 22 14

TOSS-UP

BONUS

1 1 Percent Conversion

Convert 130% to an improper fraction reduced to lowest terms.

1 1 Marine Biology

What jet propelled marine creature has a soft, torpedo-shaped body with two flaps used for steering and ten arms with suckers?

1 2 Purchasing Problems

If you bought 6 pairs of socks for \$4 each and 3 pairs of shoes for \$38 each, excluding tax, how much did you spend?

13/10

1 2 Sociology

According to Robert Benchley, there are two classes of people in the world: those who constantly divide the people of the world into two classes, and what other group?

squid

\$138

those who do not (don't)

Elementary Rounds

Round Number 23 15

TOSS-UP

BONUS

1 Ciphers

The Caesar cipher replaces each letter by the letter three places beyond it in the alphabet. Using the code, "Krohv" is the code for the name of what popular novel by Louis Sachar?

1 Antagonists

Who is the main antagonist in the book, "Peter Pan"?

2 Mismatched Proverbs

What clause usually completes the proverb parodied below?

Don't count your chickens until you've walked a mile in their shoes.

Holes

Captain Hook

2 Levers

Where is the fulcrum on a bottle opener?

3 A.A. Milne

The mother kangaroo in the Winnie-the-Pooh stories is Kanga. Name her baby.

they hatch

on the top of the bottle cap

3 Woodchucks

What is a healthy woodchuck doing if its heartbeat slows from its normal eighty beats per minute to only four?

4 Climates

Name the climatic condition where water loss due to evapotranspiration is greater than water inputs through precipitation, resulting in a prolonged water shortage.

Foo

hibernating

4 Athlete Woes

Gene played seven games of racquetball one afternoon. That evening, after climbing into bed, he pointed his toes during a big stretch and got an incredible pain in both calves. Name these pains.

5 National Borders

What country is adjacent to the Davis Strait, Baffin Bay, the Labrador Sea, the Beaufort Sea, and the Pacific?

drought

cramps (spasms)

5 Fence Math

What is the total length of a fence built with 10 poles placed 6.5 feet apart?

Canada

58.5 feet

Elementary Rounds

Round Number ~~23~~ 15

TOSS-UP

BONUS

6 Scale Models

If the ninth hole at the Frogcroaker Country Club is 150 yards, how long would it be on a scale model in which 1 1/2 inches equal 50 yards?

4.5 inches

7 Holidays

What national holiday was established by presidential proclamation during the Civil War?

Thanksgiving

8 The Blood Supply

A momentary drop in the supply of blood to the brain may cause a brief loss of consciousness called what?

fainting

9 Numbers

What category of numbers meets these criteria?

- They are whole numbers.
- They are exactly one more than an even number.

odd numbers

10 Art Forms

What art form completes this quote by Thomas Stoppard?

It is not hard to understand modern art.
If it hangs on a wall it's a painting, and
if you can walk around it, it's a ...

sculpture

6 Liquids

Name the physical process through which the molecules of a liquid escape as a vapor.

evaporation (vaporization)

7 Air Movements

What is the meteorological term for a gentle air movement?

breeze

8 Decimal Conversions

Convert 117% to a decimal number.

1.17

9 Geology

The general process by which the Earth is worn away by the action of the elements such as wind and water is ...

erosion

10 Monuments

The Gateway Arch is located on the bank of what river?

Mississippi River