

2015-2016
QUIZ BOWL

Elementary Practice
Questions
Set #1

ESU #11 Elementary Quiz Bowl

Round Number 1

TOSS-UP

BONUS

1 State Histories

In 1681, what state had its beginnings with a land grant of 48,000 square miles given by Charles II to William Penn?

Pennsylvania

2 Wartime Garb

What was the color of Confederate uniforms during the Civil War?

gray

3 Punctuation

What punctuation mark is used to join some words and divide others?

hyphen

4 Words of Wisdom

What word completes this saying?
What the fool does in the end,
the wise man does in the ...

beginning

5 Insects

Ants use what structures to detect air currents, chemicals, and vibrations?

antennae (feelers)

1 Children's Literature

In a story by the same name, what did Mary Norton call the tiny ingenious folk who live under the floor and borrow what they need from "human beans"?

The Borrowers

2 Mourning

An official way of indicating mourning is to fly the U.S. flag at half what?

staff (mast)

3 Poems

In Mary Howitt's poem, what creature invites the fly into her parlor?

the spider

4 Beastly Songs

This is a verse from what song about a gathering of birds and beasts?
Said a flea to a fly in a flue
Said the flea "Oh, what shall we do?"
Said the fly, "Let us flee!"; said the flea,
"Let us fly!"
So they flew through a flaw in the flue

Animal Fair

5 Poems

What is this poem by Carlos Cortez about?
Pushing up their heads
Proudly
Like
Golden nuggets
On green velvet
But
Lawn owners don't love them

dandelions

ESU #11 Elementary Quiz Bowl

Round Number 1

TOSS-UP

BONUS

6 Cash Calculations

Rancid had \$30. Then he spent $\frac{1}{5}$ of it on a fishing reel, $\frac{1}{6}$ of it on a creel, and half of it on a rod. How much is left over to buy bait?

6 Punctuation

What punctuation mark is used much more often in the dialogue of stories than in the text of reference books?

\$4

quotation marks

7 Morals

What bird completes this moral from one of Aesop's fables?

The moral is clear: The wisest folks know
That it's nice to win, but it's foolish to ...

7 Syllogisms

Complete this syllogism.

Brunhilda is either from Norway or the Alpha Centauri system. She is not from the Alpha Centauri system. Therefore, she ...

crow

is from Norway

8 State Comparisons

Alaska includes about 660,000 square miles while Rhode Island encompasses only about 1500 square miles. How many times larger is Alaska?

8 Bright Objects

After the Sun and the Moon, what is the next brightest object in the sky?

440

Venus

9 Something Fishy

In a fish tank, all but three of the fish were bass, all but three of the fish were carp, all but three of the fish were perch, and all but three of the fish were walleye. What is the least number of fish in the tank?

9 Myths

Name the mythical flying horse.

4

Pegasus

10 Consonants

The two consonants that can have a hard or soft quality when pronounced are "g" and what other?

10 Poems

This is the beginning of a poem by William Cullen Bryant about what month?

Ay, thou art welcome, heaven's delicious
breath!

When woods begin to wear the crimson leaf,
And suns grow meek, and the meek suns
grow brief

And the year smiles as it draws near its death.

g

October

ESU #11 Elementary Quiz Bowl

Round Number 1

TOSS-UP

1 1 Speaking and Writing

A normal speaking rate is 100 words per minute, so if you talk for two hours a day, you would utter 12,000 words. The average novel includes about 84,000 words, or the equivalent of about how many hours of speaking?

BONUS

1 1 Glacier Speed

If a glacier is moving at five meters per day, how many days will it take the snout of the glacier to travel one-fourth of a kilometer?

14

1 2 Area

What is the total surface area of a cube measuring six centimeters on an edge?

216 square centimeters

50

1 2 Word Usage

How is the word "one" used in this example?
There are many times when one should keep one's thoughts to oneself.

pronoun

ESU #11 Elementary Quiz Bowl

Round Number 2

TOSS-UP

BONUS

1 Time

A sloth started vigorously climbing a tree at 1:45 p.m. and climbed continuously until 7:15 p.m. How long did it climb?

5 hrs 30 min (5.5 hrs)

2 Truths

What is the first "self-evident truth" in the Declaration of Independence?

that all men are created equal

3 Vocabulary

What single word can have these meanings?
-a brawl or tumult
-to manually propel a boat
-a line

row

4 Peninsulas

What 800-mile-long peninsula borders the Gulf of California?

Baja California

5 Novels

Irene Hunt's book, "Across Five Aprils," is set during what conflict?

American Civil War

1 Wicked Women

In the story by Dodie Smith, Cruella de Vil kidnaps what kind of puppies for their fur?

dalmatians

2 Spanish Explorers

The body of water first seen by Vasco Balboa was given what name by Ferdinand Magellan?

Pacific Ocean

3 Capitalizing

Which words in this title of a book do not need to be capitalized?
no such thing as a bad day

4 Ghost Stories

In the novel, "The Ghost Belonged to Me," young Alexander Armsworth ends up taking the body of Inez Dumaine to be buried in what city?

as a

5 Crops

What adjective that rhymes with "maple" describes those crops which are most important in a region?

New Orleans

staple

ESU #11 Elementary Quiz Bowl

Round Number 2

TOSS-UP

6 Flooding

You are walking along a dry arroyo in the American Southwest when you look up and see a wall of water racing toward you. This is known as what kind of flood?

flash flood

7 Battles

The Battle of Yorktown was the last battle of what war?

American Revolution (Revolutionary War)

8 Nouns

What are the last two abstract nouns in "The Pledge of Allegiance"?

liberty, justice

9 Warning Labels

What can be said about a substance in a container that bears the symbol of a skull and crossbones?

It is poisonous.

10 Homonyms

Spell the word meaning "in this spot" that is a homonym for another word meaning "to listen."

here

BONUS

6 Infractions

What is the collective name for infractions in which a hunter does not have a valid permit, a hunter takes an animal outside of legal hours, or a hunter takes an animal by illegal means?

poaching

7 Roman Numerals

What is the Arabic equivalent of the Roman numeral CD?

8 Bandages

Used only in extremely dire circumstances, name the bandage that is twisted around a limb to control bleeding by stopping circulation entirely.

tourniquet

9 Imaginary Plants

A series of stories about what central character includes these plants?

flitterbloom, gillyweed, honking daffodil,
Abyssinian shrivelfig, gurdyroot, puffapod,
whomping willow, leaping toadstool

Harry Potter

10 Palindromes

What word referring to the day preceding an event is a palindrome?

eve

ESU #11 Elementary Quiz Bowl

Round Number 2

TOSS-UP

BONUS

1 1 Science

Vlad thinks he can stunt the growth of plants by exposing them to continuous, very loud, hard rock music from the time they are seedlings. What do scientists call such an assumption?

hypothesis

1 2 Syllable Addition

Add the number of syllables in "tobacconist" to those in "octogenarian."

10

1 1 Snow

What is formed on a snowfield by the slight melting and refreezing of the surface snow?

crust

1 2 Airplane Math

Jim's first model airplane flew 2 hours and 36 minutes before it crashed. His next plane flew 4 hours and 29 minutes before it augged in. How much flying time did he get from his planes?

7 hours and 5 minutes

ESU #11 Elementary Quiz Bowl

Round Number 3

TOSS-UP

1 Texas Geography

Along what river did Brownsville, El Paso, Del Rio, and Laredo, Texas, develop?

Rio Grande

2 Wishful Lyrics

According to the song, if your heart is in your dreams, no request is too extreme when you do what as dreamers do?

wish upon a star

3 Body Systems

What is the more correct name for the blood system?

circulatory system

4 Wordplay

What form of wordplay is illustrated in these lines?

- Which witch wished which wicked wish?
- Sam's shop stocks short spotted socks.
- Friendly Frank flips fine flapjacks.

tongue twister

5 Multiple-Meaning Words

What word has these meanings?

- very small
- a tiny piece
- a metal mouthpiece on a bridle
- the cutting part of a tool
- the smallest unit of information

bit

BONUS

1 Fictional Critters

What fictional animal's father met his doom in Mr. McGregor's garden?

Peter Rabbit

2 Industrial Facilities

What is the general name for facilities in which these kinds of processes occur?

- steel is rolled into sheets
- grain is turned into flour
- cotton is turned into cloth
- trees are turned into lumber

mills

3 Technology

What adjective indicates the kinds of parts that Eli Whitney produced to make firearms?

interchangeable (congruent)

4 Marine Mammals

It has clawed and webbed feet. It can swim under water for several minutes. It is seen along the Pacific coast floating on its back hammering sea shells against a rock held on its chest. Name this creature.

otter

5 Candidates

This is about whom?

Despite his spirited campaign, the Republican national convention nominated Richard Nixon on the first ballot. Even so, he had his foot in the door, making the country realize that a Hollywood actor could be in the running.

Ronald Reagan

ESU #11 Elementary Quiz Bowl

Round Number 3

TOSS-UP

BONUS

6 Criminal Behaviors

What is the collective term for offenses such as breaking windows, salting lawns, egg throwing, tagging, and defacing public property?

vandalism

7 Technology History

Thousands of years ago, they used specially prepared animal skins called parchment. They also tried silk and papyrus. Today, all of these materials have been replaced by what?

paper

8 Metric Conversion

Twenty-one centimeters is how many meters?

.21

9 Proverb Parodies

What is the participle in the original version of the proverb parodied below?
An empty pot never boils.

watched

10 Official Counts

What is the enumeration of a population called?

census

6 Latitudes

The equator crosses what three oceans?

Pacific, Atlantic, Indian

7 Sentence Parts

What is the simple predicate in this example?
Frankie has been searching for you and the other contortionists all morning.

has been searching

8 Animal Tales

In Shelia Burnford's story, "The Incredible Journey" what kind of animals are Bodger and Luath?

dogs (bull terrier, Labrador retriever)

9 Stories

What kind of factory is in the title of a tale by Roald Dahl that begins with this line?
These two very old people are the father and mother of Mr. Bucket.

chocolate factory

10 Imaginary Birds

In the "Harry Potter" stories, what kind of birds are Errol, Hedwig, and Pidwidgeon?

owls

ESU #11 Elementary Quiz Bowl

Round Number 3

TOSS-UP

1 1 Magnetism

If the north pole of one bar magnet is brought near the south pole of another, the magnets attract each other. If the north poles of two bar magnets are brought near each other, what will they do?

repel

1 2 New England Industries

Their flexible bones were fashioned into ladies' corsets and buggy whips. A substance in their intestines preserved perfumes. Oil from their heads was used in lanterns until the 1850s. Name these creatures.

whales

BONUS

1 1 Predators

Because they are flesh-eaters, predators are described as being ...

carnivorous

1 2 Writing

Nearly every good paragraph states its main idea in a single sentence. Name it.

topic sentence

ESU #11 Elementary Quiz Bowl

Round Number 4

TOSS-UP

1 Attraction

What occurs on Earth because the Moon's gravity attracts the near side of the planet more strongly and the far side less strongly than the Earth as a whole?

tides

2 Plane Trips

A plane that started from a point 200 miles west of its base and flew directly to a point 300 miles east of its base traveled at least how far?

500 miles

3 Health

What is the term for any evidence of a disease or disorder?

symptom

4 Punctuation

What punctuation marks are required in this line?
Will you walk into my parlor said the spider
to the fly

quotation marks, question mark, period

5 Weight Measures

9000 pounds equal how many tons?

4 1/2

BONUS

1 Improper Fractions

Express $9\frac{11}{9}$ as a mixed number.

10 2/9

2 Zoology

What is the collective name for these creatures?

aedes mosquito
ladybird
cecropia moth
locust
walking stick
duck louse

insects (invertebrates)

3 Crafts

A person who attaches stuffing, springs, cushions, and covering fabric to furniture is employed in what craft?

upholstery

4 Fairy Tales

This is a line by the heroine of what fairy tale?
Let me see if it will not fit me.

Cinderella

5 Poetry

This is a verse from what poem?
"Oysters, come and walk with us!"
The Walrus did beseech.
"A pleasant walk, a pleasant talk,
Along the briny beach;
We cannot do with more than four,
To give a hand to each."

The Walrus and the Carpenter

ESU #11 Elementary Quiz Bowl

Round Number 4

TOSS-UP

6 Commemoratives

The 1892 U.S. half-dollar commemorated the 400th anniversary of whose voyage to the New World?

Christopher Columbus

7 Regional Proverbs

These are proverbs from what group of peoples?

- The caribou feeds the wolf, but it is the wolf who keeps the caribou strong.
- Unless you're the lead sled dog, the view is pretty much the same.
- You never really know your friends from your enemies until the ice breaks.
- May you have warmth in your igloo, oil in your lamp, and peace in your heart. Eskimos

8 Root Words

What is the meaning of the root word in "centennial"?

year

9 The Rocky Mountains

Name the two southernmost Rocky Mountain states.

Arizona, New Mexico

10 Mower Math

How many lengthwise round trips must you make with a 24-inch mower to cut a lawn measuring 2880 by 9600 feet?

720

BONUS

6 Signatures

Who said this upon signing the Declaration of Independence?

There! John Bull can read my name without spectacles and may double his reward on my head.

John Hancock

7 Wordplay

What form of wordplay is illustrated in this line?

Brisk brave brigadiers brandished
broad bright blades, blunderbusses,
and bludgeons, balancing them badly.

tongue twister (or alliteration)

8 Government

Name the two levels of government above the local level.

state, federal (national)

9 Puns

What article of regional footwear completes this punnish interrogative sentence?

I would like to go to Holland someday, ... ?

wooden shoe

10 Rock

What is molten rock that reaches the Earth's surface called?

lava

ESU #11 Elementary Quiz Bowl

Round Number 4

TOSS-UP

BONUS

1 1 Business

What is the term for the positive gain from a business operation after subtracting all expenses?

profit

1 2 Song Lyrics

Where does the singer wish he was according to these lyrics?

I wish I wuz in de land o' cotton

Dixieland

1 1 Bird Wings

The wings of what kind of birds may beat from twenty to eighty times per second?

hummingbirds

1 2 Presidents

What U.S. president had an earlier career as commander of Union forces in the Civil War?

Ulysses Grant

ESU #11 Elementary Quiz Bowl

Round Number 5

TOSS-UP

BONUS

1 Bouncing Bunny-Eaters

A coyote falls 4,500 feet into a canyon and then bounces back up 3,000 feet. How far is he from where he began?

1500 feet

2 Fairy Tales

What is the title of the fairy tale from which this line was taken?

The miller said to the king, "I have a daughter who can spin straw into gold."

Rumpelstiltskin

3 Scientific Measurement

These descriptions were taken from a table about what phenomenon?

- not felt except by a very few
- felt by persons on the upper stories
- Some windows broken
- motorcars rocked noticeably
- heavy furniture moved

earthquakes

4 Traditional Songs

The word "one" in this verse refers to bags of what?

One for my master,
One for my dame,
And one for the little boy
who lives by the lane.

wool

5 Temperature Readings

The highest temperature ever recorded on what continent was 14.6 degrees Celsius?

Antarctica

1 Ocean Borders

What two oceans border Europe?

Atlantic, Arctic

2 Scientific Devices

A reservoir of fluid and a narrow tube into which that fluid can expand are the basic components of what measuring device?

thermometer (barometer)

3 Landforms in Song

What two landforms are in the first verse of the song, "Oh, My Darling Clementine"?

cavern, canyon

4 Action and Reaction

What is the term for the backward momentum of a rifle when it is discharged?

recoil (kick)

5 U.S. Rivers

Because so much its water is needed for irrigation and domestic use, what mighty river is just a trickle by the time it reaches the Gulf of California?

Colorado River

ESU #11 Elementary Quiz Bowl

Round Number 5

TOSS-UP

BONUS

6 Little Mammals

They are about 6 inches long and have thick fur on their bodies but none on their tails. They have powerful front legs with claws turned outward enabling them to tunnel through ground beneath your lawn. Name these blind mammals.

moles

7 Word Categories

If asserting words are verbs, what part of speech are exclamatory words?

interjections

8 Atoms

Which of the three major subatomic particles is the least massive?

electron

9 Greek Legends

By concealing soldiers in an enormous wooden horse, the Greeks entered what city?

Troy

10 Homophones

Spell the word indicating the Christmas season that is a homophone for the contraction for "you will".

yule

6 Mammal Slang

What word can mean either a sneaky person who informs on his pals or a long-tailed rodent?

rat

7 Urban Areas

What is a densely populated urban area marked by crowding, poor housing, poverty, and social disorder called?

slum (ghetto)

8 State Histories

A massacre, a famous ride, a Pilgrim landing, and a tea party all occurred in a colony that became what state?

Massachusetts

9 Meridians

Name the meridian that is half a world away from the prime meridian.

International Date Line (180 deg. longitude)

10 Scientific Accounts

What is the last name of the inventor who wrote this in 1913?

I took a position at one of the wings, intending to help balance the machine as it ran down the track. But when the restraining wire was slipped, the machine started off so quickly I could stay with it only a few feet. After a 40-foot run, it lifted from the rail.

Wright

ESU #11 Elementary Quiz Bowl

Round Number 5

TOSS-UP

1 1 Energy Resources

While natural gas is a gaseous mixture of naturally occurring hydrocarbons, what is the name for a liquid mixture of such hydrocarbons?

petroleum (crude oil, oil)

1 2 Daylight

On December 21st, the longest period of daylight occurs in which hemisphere?

Southern Hemisphere

BONUS

1 1 Low Wages

In 1900, the average American worked 59 hours a week for 22 cents an hour. To the nearest dollar, what was the average monthly salary?

\$52

1 2 Weather

Name the most violent storms that may eventually build from tropical depressions.

hurricanes

ESU #11 Elementary Quiz Bowl

Round Number 6

TOSS-UP

1 Fishing Geography

One of the nation's best lakes for striped bass fishing is Lake Texoma, on the border between what two states?

Texas, Oklahoma

2 Law

Intentional, malicious destruction of property is called what?

vandalism

3 Snakebite

A bite by a pit viper typically leaves how many wounds?

two

4 Surveying

If there are 640 acres in a section, how many acres are in the east half of the southwest quarter of a section?

80

5 Explorers

After leaving the Mississippi, what were the two largest rivers the Lewis and Clark expedition explored?

Missouri and Columbia

BONUS

1 Word Problems

A submarine cruising at 100 meters below the surface rose 45 meters to fire a test rocket which reached a maximum altitude of 300 meters above sea level. The rocket climbed how many meters from the submarine?

355

2 Insects

Insects have three distinctive body parts including the head, abdomen, and what other?

thorax

3 Metric Conversions

In one square meter, there are how many square centimeters?

10,000

4 State Etymology

What state was named after the Native American word "quinnehtucket" meaning "beside the long tidal river"?

Connecticut

5 Wildlife Observations

Captain Cook thought what animals look like big dogs that jump like hares?

kangaroos

ESU #11 Elementary Quiz Bowl

Round Number 6

TOSS-UP

6 Nicknames

What state includes cities with these nicknames?
Razor Clam Capital
Eagle Capital of America
Halibut Capital of the World
Dog Mushing Center of the World

Alaska

7 Bee-havior

Bees do not learn how to sting but are born knowing how to sting when there is danger. Name this kind of built-in pattern of behavior.

instinct

8 Spoonerisms

"Clue of tubs" is a spoonerism for what card in a deck?

two of clubs

9 Ads

What was being offered for sale in the 1784 advertisement?

A cargo of very fine stout men and women in good order and fit for immediate service, just imported from the Windward Coast of Africa in the Ship of Two brothers.

slaves (blacks, Negroes, etc)

1 0 Zoology

These are varieties of what kind of animals?
gobies, blennies, spoonbills, gars, sturgeons, remoras, pikes, herrings, mullets

fish

BONUS

6 Industry

To whom does the pronoun refer in this line?
He opened a heavy box and laid out ten stocks, ten barrels, ten triggers, and ten each of the other parts in separate piles. He then asked a general to take a piece from each pile and put the gun together.

Eli Whitney

7 Distance Problems

There is a road sign that says "Mooselvania: 146 miles north" and "Squirrelville: 66 miles south." If you were halfway between these two towns, how far would you be from Mooselvania?

106 miles

8 Forms of Drama

In what kind of play, performed behind a translucent curtain, do you see only the shapes of the opaque objects behind it?

shadow play

9 Africa

What is the southernmost African country?

South Africa

1 0 17th-Century Scientific

This is about whom?
By modern standards, his instrument was only a small one, but it allowed him to see more of the heavens than anyone had ever seen including lunar mountains and rings around Saturn.

Galileo

ESU #11 Elementary Quiz Bowl

Round Number 6

TOSS-UP

1 1 Landforms

What is the term for a body of land surrounded by water?

island

1 2 Porcupines

Name the sharp and stiff hairs that cover the backs of porcupines.

quills

BONUS

1 1 Headwaters

What state is the birthplace of the Yampa, Gunnison, Dolores, San Juan, Arkansas, South Platte, North Platte, and Rio Grande rivers?

Colorado

1 2 Short Stories

What kind of creature is Flower in the story about Bambi?

skunk

ESU #11 Elementary Quiz Bowl

Round Number 7

TOSS-UP

1 Medical Professions

Spell the title of a doctor trained to treat animals.

veterinarian

2 Fantasies

In what story by Ian Fleming do Jeremy and Jemima Pott live with their father, an eccentric inventor named Caractacus?

Chitty Chitty Bang Bang

3 Sensation

Without what sensation might you seriously hurt yourself without knowing it?

pain

4 Box Problems

The area of the bottom of a topless cubical box is 81 square centimeters. You cut the box edges and flatten it out. What is the perimeter of the resulting shape?

108 centimeters

5 Physical Science

What is this passage about?

Most are metals. Others are nonmetals.
Some are called semimetals or metalloids.
Most are solids at room temperature but a few are gases.

elements

BONUS

1 U.S. Rivers

The San Joaquin and Sacramento Rivers flow through what state?

California

2 Speed Problems

If you jogged six miles in ninety minutes, what is your speed in miles per hour?

four mph

3 Early Explorers

Many early explorers tried to find what water route across North America?

Northwest Passage

4 Ores

An ore contains eighty pounds of copper per ton. How many pounds of waste material are there per ton?

1920

5 State Names

What is the only letter in the alphabet that does not appear in the name of any U.S. state?

Q

ESU #11 Elementary Quiz Bowl

Round Number 7

TOSS-UP

6 Terms of Office

A U.S. president is elected for a term of what fraction of a century?

7 Tribal Culture

In popular writings, a Native American healer or shaman is called a ...

8 Eruptions

What in Wyoming erupts an average of every 64.5 minutes?

9 Anatomy

Name the underside of the foot.

10 The Senate

If one-tenth of the U.S. senators were absent during a roll call vote, how many were present?

BONUS

6 The Declaration

What adjective in the Declaration of Independence refers to rights which cannot be taken away?

7 Elections

What term is used in elections to designate any number greater than half of the voters?

8 European Children's Literature

"The Adventures of Pinocchio" was originally written in what language?

9 Historical Passages

This is about what country?
In 1770, Captain James Cook anchored in Botany Bay, near the present site of Sydney.

10 Sayings

According to the proverb, what can't beggars be?

1/25

unalienable

medicine man

majority

Old Faithful

Italian

sole

Australia

90

choosers

ESU #11 Elementary Quiz Bowl

Round Number 7

TOSS-UP

1 1 Parallel Structure

What word completes this saying?

Winners never quit and quitters never ...

BONUS

1 1 British Literature

What British author wrote this line?

The motto of all the mongoose family is,
"Run and find out," and Rikki-tikki was
a true mongoose.

1 2 Perimeters

In feet, what is the perimeter of an octagon with
12-inch sides?

win

1 2 Money Problems

Natasha has two U.S. coins in her hand that total
thirty cents. One is not a nickel. What are the two
coins?

Rudyard Kipling

8 feet

quarter, nickel

ESU #11 Elementary Quiz Bowl

Round Number 8

TOSS-UP

BONUS

1 The Alphabet

What is the third letter of the alphabet with the "ay" sound?

1 Minnesota

Part of the eastern border of Minnesota is formed by which Great Lake?

2 Wars

During what century did the American Civil War occur?

K

2 Horseshoeing

You must have 9 horses shod by 4 p.m. and it takes on average, 20 minutes to do one shoe. What is the latest time you can start working?

Lake Superior

3 Kitchen Utensils

What hand utensil with a serrated surface processes foods into shreds or fine bits?

19th century

3 Writing Errors

Replacing what word with what word corrects this sentence?

An uneasy truce developed between the khan and I.

4 a.m.

4 Marine Life

What is the primary food of newborn whales?

grate

4 Cubes

You have a 3x3x3 cube made from 27 smaller cubes. If you paint the outside of the big cube and then disassemble it, how many of the small cubes have no painted faces?

replace "I" with "me"

5 Reasoning

Some months have thirty days and some have thirty-one, but how many have twenty-eight?

milk

5 Fruity Friends

Who was the leading character in a book by Roald Dahl in which a boy meets some incredible friends inside a giant piece of fruit?

1

12 (all of them)

James

ESU #11 Elementary Quiz Bowl

Round Number 8

TOSS-UP

BONUS

6 Life Forms

Mammals have dominated the Earth's continents for the last 65 million years. Prior to this, what class of vertebrates ruled the land?

reptiles

7 Meat Preparation

Name the process of soaking meat in a flavored liquid prior to cooking.

marinating

8 Furry Fiction

In Richard Adams' "Watership Down," the central characters are what kind of burrowing mammals?

rabbits

9 Punctuation

What punctuation mark is used in contractions and to show possession in nouns?

apostrophe

10 Special Days

Celebration of Decoration Day began after the Civil War. It was so named because families went to graveyards and placed flags, flowers, and wreaths on the graves of deceased soldiers. Today, this holiday is known as ..

Memorial Day

6 Ocean Waves

What is the term for a wave that suddenly collapses as it approaches the shoreline?

breaker

7 Mexico

Aside from the Pacific, Mexico borders what two seas?

Caribbean Sea, Sea of Cortes

8 Deserts

What is the term for an isolated area of vegetation in a desert, often surrounding a natural spring or artesian well?

oasis

9 Coal Problems

How many tons of coal priced at \$7.75 could be purchased for \$6200?

800

10 Space Exploration

What heavenly body was the target of America's Apollo missions?

the Moon

ESU #11 Elementary Quiz Bowl

Round Number 8

TOSS-UP

1 1 Number Patterns

What are the next three numbers in this series?

3 4 6 7 9

BONUS

1 1 Space Exploration

Edwin Aldrin and what other American astronaut were first to set foot on the Sea of Tranquility?

10 12 13

Neil Armstrong

1 2 Kitchen Chemistry

By submerging a hard-boiled egg for a few days in what liquid common in the kitchen will the shell dissolve leaving you with an egg that bounces?

vinegar

1 2 Apparent Motion

You watch the position of the Sun on a summer day. Over several hours, the Sun appears to move toward which cardinal direction?

west

ESU #11 Elementary Quiz Bowl

Round Number 9

TOSS-UP

BONUS

1 Elections

In an election for mayor, 656 people voted. Jill Jablonski beat her only rival by the smallest majority possible. How many votes did she get?

1 Fantasies

In what story do Harry Potter and Hermione turn back time to liberate Sirius Black and Buckbeak, a hippogriff convicted of savagery?

2 Astronomical Vocabulary

Name the domed buildings that house huge telescopes.

329

Harry Potter and the Prisoner of Azkaban

2 The Alphabet

What letter accounts for one in eight letters in an average text?

3 Portuguese Possessions

What was Portugal's geographically largest colony?

observatories

e

3 Art Forms

What is the basic material used in ceramics?

4 Runners

Name the fastest creature on two legs.

Brazil

clay

4 Fantasy Games

In what story are flamingoes, hedgehogs, and soldiers shaped like playing cards essential in a strange game of croquet?

5 Railways

In 1869, the transcontinental railroad was completed with the driving of the golden what?

ostrich

Alice in Wonderland

5 Europe

Name the westernmost European country that borders the Mediterranean.

spike

Spain

ESU #11 Elementary Quiz Bowl

Round Number 9

TOSS-UP

6 Life on Earth

Some were only two feet long and weighed as much as a chicken while others reached a length of 150 feet and weighed 100 tons. Some were herbivores while others were carnivores. Some had small skulls and others were huge. Some were slow-moving and others were fast. Name these extinct creatures.

dinosaurs

7 Parts of Speech

In the following sentence, the last word could be taken as which two parts of speech?

This is fun.

noun, adjective

8 Silly Signs

What writing error is illustrated by this sign on an office door?

Department of Redundancy Department

redundancy

9 Fruity Math

Guavas can be purchased at a cost of 2 for 17 cents. What is the cost of a dozen guavas?

\$1.02

10 Song Grammar

What conjunction meaning "for the reason that" is used repeatedly in the song, "We're Off to See the Wizard"?

because

BONUS

6 Islands

What island in the Caribbean was named after the Spanish words for "rich port"?

Puerto Rico

7 Colorful Descriptions

What marsupial has been described as a pogo stick with a pouch?

kangaroo

8 Waves

What causes most waves on bodies of water?

wind

9 Physical Changes

At what point does a liquid change into a gas?

boiling point

10 Novels

This is from what novel?

In a minute or two the Caterpillar took the hookah out of his mouth and yawned. Then it got down off the mushroom, remarking, "One side will make you grow taller and the other side will make you grow shorter."

Alice's Adventures in Wonderland

ESU #11 Elementary Quiz Bowl

Round Number 9

TOSS-UP

1 1 Ballads

What name completes this verse of a ballad?
"This infant was call'd John Little," quoth he.
"Which name shall be chang'd anon,
The words we'll transpose,
So wherever he goes,
His name shall be called ..."

Little John

1 2 Politics

Members of what U.S. political party seemingly favor business interests and oppose big government?

Republican

BONUS

1 1 Math Sequences

What are the next two numbers in this sequence?
4 7 10 13 16 19 22

25, 28

1 2 Betwixt and Between

What state is between South Dakota and Kansas?

Nebraska

ESU #11 Elementary Quiz Bowl

Round Number 10

TOSS-UP

BONUS

1 Fruits

Name the hard coverings enclosing apricot, cherry, peach, and plum seeds.

stones (pits)

2 Silly Poems

With what two words does the first line of the ditty end which has been restated below?

I never saw a bovine with a hue between violet and red.

purple cow

3 Punctuation

What punctuation encloses material not essential to a sentence?

parentheses

4 Colonial Unity

According to "The Liberty Song" published in 1768, by dividing Americans would fall, but by uniting they would do what?

stand

5 Feet

What is the total number of feet on a pair of geese and half-dozen dogs?

1 Sentence Types

This belongs to which of the three basic types of sentences?

If Jimmy cracks corn and no one cares, why is there a song about him?

interrogative

2 American Government

These are part of which branch of U.S. government?

U.S. Court of Appeals for the Fifth Circuit

U.S. Tax Court

U.S. District Court for the Southern District of Ohio

U.S. Court of International Trade

judicial branch

3 Western Song Lyrics

According to the lyrics of the song, "Home on the Range," what two kinds of animals play in the same region where the buffalo roam?

deer, antelope

4 Nutrition

The three major categories of essential nutrients are fats, proteins, and what other?

carbohydrates

5 New England

Which New England state covers nearly as many square miles as the other five New England states combined?

ESU #11 Elementary Quiz Bowl

Round Number 10

TOSS-UP

6 Poetic Creepy Creatures

This is about what kind of creature?

A ---- was happy quite
Until a frog in fun
Said, "Pray, which leg comes after which"?
She lay distracted in the ditch
Considering how to run.

centipede

7 Asterisks

An asterisk has what shape?

star

8 Lots o' Fingers

If there are 55 fingers in a certain pie, these must belong to a minimum of how many hands?

11

9 Reefs

Identify the reef in the Coral Sea just off the Australian coast.

Great Barrier Reef

10 Spanish Explorers

In the 16th century, when Francisco de Ulloa sailed to the southern tip of Lower California and then up its eastern shore, he was in a body of water?

Gulf of California (Sea of Cortes)

BONUS

6 Working Watercraft

What relatively small boats with powerful engines are used for towing or pushing large ships and barges?

tugboats (tugs)

7 Injuries

A discoloration of the skin that appears shortly after an impact injury is called a ...

bruise

8 Gas Problems

In her Mini Cooper, Gerri traveled 200 miles and got 25 miles per gallon. With the same quantity of gas, how far could she go in her SUV that gets 12 miles per gallon?

96 miles

9 Injuries

The most common of all joint injuries is a sprained ...

ankle

10 Government

What branch of government consists of elected officials empowered to make, change, or repeal laws?

legislative branch

ESU #11 Elementary Quiz Bowl

Round Number 10

TOSS-UP

1 1 Anthem Analysis

What is the first interjection in the U.S. national anthem?

BONUS

1 1 Rotation

If you were in a space station hundreds of miles above the Earth's North Pole, the planet would be rotating in which clock direction?

Ch

counterclockwise

1 2 Parts of Speech

What part of speech is omitted three times in this ill-begotten sentence?

Can you lend me crate of tomatillos
till end of month?

1 2 Wars

Name the last war in which the British and Americans fought against one another.

articles

War of 1812

ESU #11 Elementary Quiz Bowl

Round Number 11

TOSS-UP

BONUS

1 Turtles

The two hundred species of turtles include sea turtles that dwell in the ocean, terrapins that live in fresh water, and the land dwellers called what?

tortoises

2 Measurement

How many inches are in 4 1/2 feet?

54 inches

3 Linear Equations

What is x if $x - 86 = 137$?

223

4 British Legends

To whom is Robin Hood speaking in this verse from a ballad?

Lo! see my staff, it is lusty and tough,
Now here on the bridge we will play;
Whoever falls in, the other shall win
The battle, and so we'll away.

Little John (John Little)

5 Math Sequences

What are the next two numbers in this sequence?

3 -6 12 -24 ...

48, -96

1 Insects

Which of the three main divisions of a wasp's body is farthest to the rear?

abdomen

2 Poetic Quotes

What is the last word in this saying by Trowbridge?

Men are polished, through act and speech,
each by each,
As pebbles are smoothed on the rolling ...

beach

3 Multipurpose Words

What one word has these meanings?

- to get rid of
- to hurl forcefully
- the actors in a play
- a plaster shell encasing a broken bone
- the negative replica of a fossil impression
- something formed by pouring molten metal into a mold

cast

4 Maritime Professions

What occupation is described below?

Embarking from the mother ship in small open boats, crews of six rowed silently. A harpooner stood in the bow of each boat.

whaling

5 Namesakes

Which day of the week was named after Tyr, a Norse god of war?

Tuesday

ESU #11 Elementary Quiz Bowl

Round Number 11

TOSS-UP

6 Representation

Which state has the fewest number of senators per square mile?

Alaska

7 Immigration

As ships approached New York in the late 1800s, immigrants got their first glimpse of America, often in the shape of what gift from France?

Statue of Liberty

8 Capitals

In 1800, Washington, D.C. replaced what city as the U.S. capital?

New York City

9 Coincidence

In 1898, Morgan Robertson wrote a story in which an 800-foot-long ocean liner named the Titan hits an iceberg on her maiden voyage and sinks. This story eerily preceded the actual sinking of what vessel fourteen years later?

Titanic

10 Orbits

How many times annually is the Earth's orbit at its mean distance from the Sun?

twice

BONUS

6 Hurricanes

The path followed by a hurricane is called a storm ...

track

7 Wordplay

What word completes this palindrome?
Ned sat in Anita's ...

8 Sentence Parts

What are the direct objects in this sentence?
A completed rifle cartridge includes a case, gunpowder, a primer, and a bullet.

case, gunpowder, primer, bullet

9 Fairy Tales

In what story by Hans Christian Andersen does a little girl named Karen dance at the town ball, through the fields, all day and all night, until an executioner chops off her feet?

The Red Shoes

10 Elemental Limericks

The name of what element completes this limerick?

This reddish-brown metal is proper
When made into coins, says this shopper,
And also, it's fine
As electrical line.
It's the 29th element ...

copper

ESU #11 Elementary Quiz Bowl

Round Number 11

TOSS-UP

1 1 Analogies

Dog is to puppy as deer is to what?

1 2 Slaughters

What animal that once numbered in the tens of millions on the prairies of the American West had been reduced to 549 in 1889?

BONUS

1 1 Sequences

What is the next letter in the well-known math series that begins as follows?

OTTFFSSE...

1 2 Parts of Speech

These words are what part of speech?
about, above, after, against, along, amidst

fawn

N (These are words for numbers.)

buffalo

preposition

ESU #11 Elementary Quiz Bowl

Round Number 12

TOSS-UP

BONUS

1 Speed Conversions

Convert 3 miles per minute into miles per hour.

1.80

2 Alloy Math

If an alloy contains 70% molybdenum, how much molybdenum is in 2.5 pounds of this alloy?

1.75 pounds

3 Round Trip Flights

A plane took 6 hours 24 minutes to fly from point x to point y. It took 5 hours 42 minutes to make the return flight. What was the total flying time for the round trip?

12 hours 6 minutes

4 Rivers

The discharge of what Latin American river is more than fifteen times greater than that of the Mississippi?

Amazon River

5 The Colonies

Which of the first thirteen colonies had "New" in their names?

New York, New Jersey, New Hampshire

1 Big States

After Alaska, Texas, and California, what is the next geographically largest state?

Montana

2 Vehicle Markings

What kind of vehicle would have these letters prominently displayed on its front?
ECNALUBMA

ambulance

3 Axes

Name the end points of the Earth's axis of rotation.

North, South Poles

4 The Arctic Circle

Subarctic regions are in which direction from the Arctic Circle?

south

5 Folksong Relationships

According to the folksong, whose father was a "miner forty-niner"?

Clementine

ESU #11 Elementary Quiz Bowl

Round Number 12

TOSS-UP

BONUS

6 Election Sequences

American presidential election years included 1960, 1964, 1968, 1972, 1976, and 1980. What will be the next presidential election year after 2008?

2012

7 Occupations

A person who regularly uses instruments and math to determine exact positions and boundaries of land parcels is in what profession?

surveying

8 Children's Literature

E.B. White wrote three books for young people including "Charlotte's Web," "Stuart Little," and "The Trumpet of the" what?

Swan

9 Number Palindromes

What is the smallest 5-digit palindromic number that ends in 8?

80008

10 Animal Anagrams

"Acts" is an anagram for what mammals?

cats

6 Measurement Maxims

According to the old saying, a miss is as good as how many yards?

1760

7 Flat Characters

In "Alice in Wonderland," Alice sees three gardeners who are unusual in that their bodies have the appearance of what?

playing cards

8 Factoring

What are the prime factors of 210?

(2)(3)(5)(7)

9 Bird Vocabulary

What is the collective name for these birds raised for their meat and eggs?
ducks, turkeys, pheasants, geese, pigeons

poultry

10 Seas

What sea named for a hue lies between South Korea and mainland China?

Yellow Sea

ESU #11 Elementary Quiz Bowl

Round Number 1.2

TOSS-UP

1 1 Election Time Periods

Name the fixed period for which a person is elected to a public office.

1 2 Sayings

Complete this saying.

The pen is mightier than the ...

BONUS

1 1 Place Names

These are sites on what continent?

McMurdo Sound, Marie Byrd Land, Victoria Land, Shackleton Ice Shelf, Ross Ice Shelf

1 2 Stories

This is from what story by Roald Dahl?

The grass you are standing on is made of a new kind of soft, minty sugar that I've just invented. I call it swudge. Try a blade. Please do. It's delectable.

term

Antarctica

sword

Charlie and the Chocolate Factory

ESU #11 Elementary Quiz Bowl

Extra
Room 1

TOSS-UP

1 Additive Words

After dropping the final "l" from bell, add "to cook in hot fat," and you have what name for part of a steeple?

belfry

2 Invertebrates

John Gay described what insect in this way?
At best,
He's but a caterpillar, drest.

butterfly

3 Sailing Vessels

The tall vertical spar rising from the keel of a sailing vessel that supports the sails and running gear is the ...

mast

4 Hot Spots

Its ground temperatures sometimes exceed 125 degrees F. In 1913, its air temperature reached 134 degrees F, the highest ever recorded in the U.S. Name this hottest region in North America.

Death Valley

5 Business Math

If you reduced the selling price on a solar-powered hot-dog cooker from \$25 to \$22, the original price was decreased by what percent?

12%

BONUS

1 Orbits

Our Sun orbits the center of what galaxy?

Milky Way

2 Literary Forms

A written account of Ronald and Nancy Reagan's life together as written by their daughter is what form of literature?

biography

3 Population Places

The first U.S. census conducted in 1790 found the population to be about four million, but only three percent of those lived in the country's largest cities. How many lived outside those cities?

3,880,000

4 Bad Feelings

Name the feeling that one is about to vomit.

nausea

5 Conflicts

In 1806, Charles Dickinson and Andrew Jackson stood back to back. Then each walked ten paces, turned, and fired their pistols. Dickinson lay dead. Name this type of fight.

duel

ESU #11 Elementary Quiz Bowl

Extra
Room 1

TOSS-UP

6 Quotes

Who wrote this?

And then, just to show them, I'll sail to Ka-Troo
And Bring Back an It-Kutch a Preep and a Proo,
A Nerkle a Nerd and a Seersucker, too!

Dr. Seuss

7 Wounds

Name the mark resulting from the biologic process
of wound repair in the skin.

BONUS

6 Figurative Language

What figure of speech is illustrated in this?

The twister tucked the farmhouse under its
arm and carried it clear over the highway.

personification

7 Caravans

What is the phrase for the caravans of covered
wagons in the Old West?

scar

8 Silent Letters

Name any word with a silent "k" that begins with
"kn."

knock, know, knife, knight, etc.

9 Consumer Math

If frog-eye salad sells for \$.75 per quart, how
much does 5 gallons cost?

\$15

10 Pledges

Members of what organization make this pledge?

My head to clearer thinking, my heart to
greater loyalty, my hands to larger services,
and my health to better living?

4-H Club

wagon trains

8 Nautical Verse

The name of what U.S. state completes this verse?

If Mary goes far out to sea
By wayward breezes fanned,
I'd like to know - can you tell me?
Just where would ...

Maryland

9 Exercise

In relation to physical exercise, "reps" is short
for what?

repetitions

10 Breathing

The lungs themselves cannot pump air into or out
of the body. Aside from the intercostal muscles of
the ribs, what muscular membrane performs this
function?

diaphragm

ESU #11 Elementary Quiz Bowl

Extra
Room 1

TOSS-UP

1 1 Anatomy

What part of your body contains a concentration of about 10,000 million neurons?

brain

1 2 Word Endings

Words belonging to what part of speech have these endings?

-ful, -ous, -able, -ic, -ive

adjectives

BONUS

1 1 Pollutants

Burning one gallon of gasoline produces about 20 pounds of carbon dioxide. How many pounds of carbon dioxide are produced by a vehicle getting 15 miles per gallon on a 90-mile trip?

120

1 2 Human Anatomy

The ancient Greek Hippocrates said this of what organ?

Men ought to know that from nothing else but this organ come joys, delights, laughter, sorrows, griefs, despondency, and lamentations.

brain

ESU #11 Elementary Quiz Bowl

Extra
Room 2

TOSS-UP

1 Mountain Ranges

The Andes run through Venezuela, Colombia, Ecuador, Peru, Bolivia, Chile, and what other country?

Argentina

2 Physiography

They are produced by the friction between the wind and the surface of bodies of water. Name these successive ridges of water.

waves

3 Area Measurement

In one square yard there are how many square inches?

1296

4 Inquisitive Poetry

These questions are all from a poem concerning what central character?

- Who saw him die?
- Who caught his blood?
- Who'll make the shroud?
- Who'll dig his grave?
- Who'll be the parson?
- Who'll carry the coffin?

Cock Robin

5 Proverbs

According to the proverb, what speak louder than words?

actions

BONUS

1 Caribbean Countries

What is the largest country contained by a triangle extending from the easternmost point of the Yucatan Peninsula, the westernmost point of Hispaniola, and the southernmost point of Florida?

Cuba

2 Life

What is this about?

They can be almost as large as a baseball or smaller than the thickness of a hair. They can be shaped like balls, boxes, rods, spirals, tubes, snowflakes, or starfish. A single one may make up an entire organism or millions of them may form a tissue of a larger organism.

cells

3 Nourishment

In terms of nutrition, how are these classified? chromium, cobalt, copper, fluorine, iodine, iron

minerals (trace minerals, micro minerals)

4 Monuments

What white marble tower 555 feet in height commemorating a U.S. president is in the District of Columbia?

Washington Monument

5 Avalanches

Snow under pressure turns into what?

ice (firn)

ESU #11 Elementary Quiz Bowl

Extra Room 2

TOSS-UP

BONUS

6 Continental Namesakes

What continents were named after an actual person?

North and South America

6 Buffalo

What is another name for the North American buffalo?

bison

7 Headed West

In 1773, Daniel Boone led a party of settlers to the western Virginia country, a region later known as what state?

Kentucky

7 Numbers

Using just the numbers 3, 7, and 9, what is the largest number you can get by multiplying two of the numbers and adding the third to the product?

66

8 Goofs

What error is in this line from a historical text?
Buzz Aldrin, the second man to step on the Moon, fulfilled a centuries-old dream of mankind - to walk upon the surface of another planet.

The Moon is not a planet.

8 Atmospheric Phenomena

What is the common name for a visible mass of minute water droplets or ice particles in the atmosphere?

cloud

9 Machines

Crowbars, seesaws, and nutcrackers are examples of what simple machine?

lever

9 Punctuation Marks

What two different punctuation marks are required in this sentence?
The guests finally left at 317 AM

colon, period

10 Memorials

Whose name is missing from this inscription on a Washington, D.C. memorial?
IN THIS TEMPLE
AS IN THE HEARTS OF THE PEOPLE
FOR WHOM HE SAVED THE UNION
THE MEMORY OF ----
IS ENSHRINED FOREVER.

Abraham Lincoln

10 Patience

An expression meaning "be patient" is "hold your ..."

horses

ESU #11 Elementary Quiz Bowl

Extra
Room 2

TOSS-UP

1 1 Fish Preparation

What is the term for a flat piece of boneless fish?

fillet

1 2 Sculpture

What tool used by sculptors consists of a steel cutting edge and a wooden handle which cushions the hammer blow?

chisel

BONUS

1 1 Missed Predictions

Who said this in 1908?

I confess that in 1901, I said to my brother Orville that man would not fly for fifty years. Ever since, I have distrusted myself and avoided all predictions.

Wilbur Wright

1 2 Paintings

A painting by Edward Percy Moran depicts what woman presenting the first American flag to General George Washington?

Betsy Ross

ESU #11 Elementary Quiz Bowl

Extra
Room 3

TOSS-UP

1 Golf Math

Arnold had 18 golf balls. In one round, he lost 3 of them. In simplest form, what fraction of the original number of balls did he lose?

1/6

2 Time Reckoning

What century ran from B.C. 400 to B.C. 301?

fourth century B.C.

3 Continents

The southern part of which continent is closest to Antarctica?

South America

4 Arthropods

Walking legs compose the last four pairs of appendages on arachnids. This distinguishes arachnids from what other arthropods with just three pairs of walking legs?

insects

5 Characteristic Quotes

What character in "Alice and Wonderland" repetitively asked Alice this question?
Who are you?

the Caterpillar

BONUS

1 Hefty Eggs

A pile of fossilized eggs weighed 34.2 pounds. Each egg weighed .6 pound. How many eggs were in the pile?

57

2 Grammar in Song

What is the first adjective in the song, "Waltzing Matilda"?

jolly

3 Heroes

Aeneas, Priam, Hector, Paris, Ajax, Patroclus, and Achilles were heroes of what war?

Trojan War

4 Dumb Rhymes

What three words come next in this chant?
One bright day in the middle of the night,
Two dead boys got up to fight.
Back to back they faced each other,
Drew their swords and ...

shot each other

5 Astronomical Theories

You have just made some raisin bread dough and set it aside to rise. As it rises, each of the raisins gets farther and farther away from all the other raisins. If you think of the raisins as galaxies, this illustrates what theory about the formation of the universe?

big bang theory

ESU #11 Elementary Quiz Bowl

Extra
Room 3

TOSS-UP

6 Emancipation

Emancipation indicates the granting of what?

freedom (liberty)

7 Modifiers

What part of speech is used to modify a verb, an adverb, or an adjective clause?

adverb

8 Deep Divers

The Weddell seal dives to depths of 1600 feet. To the nearest tenth, this is what part of a mile?

three tenths

9 Border States

Of the U.S. states bordering Canada, which two have five letters in their names?

Maine, Idaho

10 Word Problems

Elvis was 4'10" and grew 8 inches. What is his new height?

5'6"

BONUS

6 Prime Factorization

What is the prime factorization of 90?

2 x 3 x 3 x 5

7 Writing

What sentence essentially tells what the rest of the paragraph is all about?

topic sentence

8 Charcoal

What element comprises 85% to 98% of charcoal?

carbon

9 Presidents

This is about whom?

In 1940, he sought election to an unprecedented third presidential term.

Franklin Roosevelt

10 Temperature

What temperature scale divides the interval from the freezing point to the boiling point of water into 180 equal parts?

Fahrenheit scale

ESU #11 Elementary Quiz Bowl

Extra
Room 3

TOSS-UP

1 1 City Namesakes

What state capital city was named for America's third president?

Jefferson City, Missouri

1 2 The Brothers Grimm

Which of Grimm's fairy tales could have been given this title?

The Dozing Looker

The Sleeping Beauty

BONUS

1 1 Rodents

This is about what rodent?

This animal has thousands of modified hairs that are rigid, finely barbed, sharp-tipped, and serve as an almost impenetrable defense.

porcupine

1 2 Planets

The names of how many of the planets in our solar system consist of three syllables?

3