

Academic Hallmarks 2022

New Mexico High School Varsity Practice 2022-23 1000 Set

- 1 Q: Square Root - What is the value of the square of the square root of 16?
A: 16
- 2 Q: Intransitive Verbs - An intransitive verb has two characteristics. It is an action verb expressing a doable activity and it does not have what receiving the action?
A: direct object
- 3 Q: Algebraic Powers - Square the quantity $x + y$.
A: $X^2 + 2xy + y^2$
- 4 Q: Fractional Power - MATH: What is 32 to the two-fifths power?
A: 4
- 5 Q: Literary Characters - What is the inclusive term for these kinds of characters in literature?
the shrew
the girl next door
the Southern belle
the femme fatale
the tomboy
A: stock character
- 6 Q: Still Helping Children in Need - UNICEF was originally formed to provide food, clothing, and medical supplies for child victims in World War II. UNICEF is a branch of which organization?
A: The United Nations
- 7 Q: Eliminating The Slowing of Friction - A revolutionary train design eliminates steel track and wheels altogether by levitating the entire train -- by means of what?
A: Magnetic fields
- 8 Q: Phrases - What kind of phrase follows "eating" in this line?
She likes eating cold sea urchins.
A: gerund
- 9 Q: Wartime Messages - What word comes next in this line from a 1944 broadcast by Douglas MacArthur?
People of the Philippines. I have ...
A: returned
- 10 Q: Thankfully Repairable - What do doctors call the congenital defect in which there is a fissure in the roof of the mouth often causing a gap of the tissue in the upper lip as well?
A: Cleft palate or Cleft lip
- 11 Q: Sentence Analysis - How is the reflexive pronoun used in this sentence?
Frank cut himself.
A: direct object

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12 Q: Silly Poetry - What is the last word in this Ogden Nash limerick?

There was a young belle of old Natchez
Whose garments were always in patchez.
When comment arose
On the state of her clothes,
She drawled, "When Ah itchez, Ah ...

A: scratchez

13 Q: Monarchs - What monarch is recognized as the head of state by the people of Belize, Tuvalu, the Solomon Islands, Papua New Guinea, Barbados, and Grenada?

A: Queen Elizabeth II

14 Q: Matter - What is the collective name for these kinds of particles?
quarks, leptons, bosons, mesons,
electrons, neutrons, protons

A: subatomic particles

15 Q: Cubes - What is the next perfect cube larger than 1728?

A: 2197

16 Q: Paintings - These works by Henri Matisse illustrate what form of painting?

Blue Pot and Lemon
Fruit and Coffee Pot
Crockery on a Table
Vase of Sunflowers

A: still life

17 Q: Sites to See - In what country could you visit the Monarch Butterfly Biosphere Reserve, monasteries on the slopes of Popocatepetl, and the pre-Hispanic city of Chichen Itza?

A: Mexico

18 Q: The World Series - In what year was the first World Series baseball game played?

A: 1903

19 Q: Presidential Initiatives - The collapse of what country effectively caused Reagan's Strategic Defense Initiative to be shelved?

A: Soviet Union

20 Q: Diving Physiology - When you swim down to the bottom of a pool, the water pressure on the outside of your eardrum is greater than the air pressure on the inside and your ear hurts until you close your mouth, hold your nose, and gently try to blow out of your nose which increases the air pressure in your ear. Name this process.

A: equalization (clearing the ears)

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21 Q: Mideast Wordplay - What form of wordplay is used in these lines?

- An Arab cannibal's favorite flavor is Yemen-lime.
- Iraqis tend to boast who live in Braghdad.
- There is a gender gap in Jordan where a woman is a woman and Amman is Amman.
- Saudi Arabian women who are thrown into jail end up in the salaamer.
- The weapon of choice in 18th-century Oman was the Muscat.

A: pun

22 Q: Sentence Transformation - Combine these two sentences into a single sentence using an appositive.

- Jenny likes to dance.
- Jenny is my aunt.

A: Jenny, my aunt, likes to dance.

23 Q: Voting - What is the term for a vote cast by handwriting in the name of a candidate not on the ballot?

A: write-in

24 Q: Multiple Meaning, but Relatable - What word means "a road around town" or "an operation to re-route blood"?

A: Bypass

25 Q: Fear Idioms - What adjective describes the feet of those who are fearful to begin an undertaking?

A: cold

26 Q: Political Pressure - Because the efforts are traditionally conducted in rooms and hallways just off the Senate and House chambers, the practice of attempting to persuade members of Congress to support or oppose pieces of legislation is called what?

A: lobbying

27 Q: Geopolitical Nicknames - What term can mean a New Englander to many Americans, any Northerner to a Southern American, and any American to a foreigner?

A: Yankee

28 Q: Digraphs - How many words contain digraphs in this line from an Uncle Remus story.
Skin me, roast me, but don't fling me into that briar patch.

A: 5

29 Q: Erosion - The two most significant factors in mass wasting include the water content of the material and what force?

A: gravity

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- 30 Q: National Perspectives - This quote from 1790 is about what nation?
If this country ceases to be a monarchy it will be entirely the fault of Louis XVI. Blunder upon blunder, inconsequence upon inconsequence, and personal cowardice have been the destruction of this reign.
- A: France
- 31 Q: Finding an Unknown - What is the number if three times the number decreased by eight equals the number increased by twelve?
- A: 10
- 32 Q: Faults - The world's largest faults are located at the edges of what enormous sections of the Earth's crust?
- A: plates
- 33 Q: Einstein's Theory - Einstein developed his Theory of Special Relativity first. Which later related theory explained gravity by means of the curvature of space?
- A: General Relativity
- 34 Q: Sentence Analysis - What is the subject of this sentence?
Don't be lulled into thinking that Zhirinovsky is merely a member of the lunatic fringe.
- A: you (implied)
- 35 Q: A Fictional Trip - Which French author described a journey taken to the Center of the Earth in an 1867 book that is still popular?
- A: (Jules) Verne
- 36 Q: Weathering - Chemical weathering is most rapid where what two factors are present?
- A: warmth, moisture (heat, water)
- 37 Q: Contact - In 1741, the Aleut people first encountered colonizers from what distant land?
- A: Russia
- 38 Q: Gravel Vocabulary - What is the term for an individual piece of gravel?
- A: pebble
- 39 Q: Chemical Reactions - What element reacts with water to form hypochlorous acid and hypochlorites?
- A: chlorine
- 40 Q: Policies - What former official political policy of South Africa is illustrated by this kind of sign?
These public premises and the amenities thereof have been reserved for the exclusive use of white persons.
- A: apartheid

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- 41 Q: The Solar System - What celestial body that passed close to the Sun in 1682, 1758, and 1986 will again pass nearby in 2061 and 2137?
- A: Halley's comet
- 42 Q: Ursines - Depending on the meaning of "largest," there are two contenders for the title of world's largest bears. Name either.
- A: polar, brown (or Kodiak)
- 43 Q: Exponents - What is x to the 7th power divided by x squared?
- A: x to the 5th power
- 44 Q: Colonizers - The first French colonizers led by Jean Ribault established Port Royal on Parris Island in 1562, just off the coast of what present-day state?
- A: South Carolina
- 45 Q: Supplements - What is the supplement of the largest interior angle in a quadrilateral whose interior angles are 50, 140, 40, and 130 degrees?
- A: 40 degrees
- 46 Q: World War II Effects - On September 1, 1939, this mass evacuation of London sent thousands of children from London to safer areas. Other problems came out of this evacuation, which was called by what two-word name from a children's story about a man with a musical instrument leading the village kids away?
- A: Piped Piper
- 47 Q: Purchasing Plans - By using what kind of purchasing plan can you make a down payment and then pay more as you are able until you completely pay for the item the store has been holding for you?
- A: layaway plan
- 48 Q: Conjunction - Identify the conditional conjunction in this line.
Elvis and Wiley were laid up, so Marla along with Francine said they could move the safe, as long as all the bullion and diamonds were removed.
- A: as long as
- 49 Q: Sentence Types - With imperative sentences, what is very often their understood subject?
- A: you
- 50 Q: Bridges - In what U.S. state are these structures located?
Francis Scott Key Bridge
Chesapeake Bay Bridge
Naval Academy Bridge
- A: Maryland
- 51 Q: Adventure Novels - What paranormal ability is central to Steven Gould's novel, "Jumper"?
- A: teleportation

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52 Q: Tense - What tense is used in these sentences?

Pygmalion had finished the sculpture by dawn.

Cyrano had broken his nose.

I had often walked on these streets before.

A: past perfect

53 Q: State Geography - These cities and rivers are in what U.S. state?

Spartanburg

Santee River

Laurens

Pee Dee River

Myrtle Beach

A: South Carolina

54 Q: Europeans - What is the nationality of most of the people living around the mouth of the Rhine river?

A: Dutch

55 Q: Quadrilaterals - Each of eight congruent squares has an area of 36 square centimeters. If those squares are lined up side by side, they form a long rectangle with a perimeter of how many centimeters?

A: 108

56 Q: Medical History - From ancient Greece up through the 19th century in Europe, what parasitic worms were the predominant medical device used for bloodletting?

A: leeches

57 Q: Flight - Flying squirrels and flying fish illustrate what type of flight?

A: gliding

58 Q: McKinley - President McKinley's administration was marked by a war with what country?

A: Spain

59 Q: Race Events - What's the shortest of the running events in the Decathlon?

A: 100-meters

60 Q: Algebraic Simplification - Simplify the following.

$3(x \text{ to the } 4\text{th}) - 2(x \text{ to the } 4\text{th}) +$

$7(x \text{ to the } 4\text{th})$

A: $8(x \text{ to the } 4\text{th})$

61 Q: The Supreme Court - In the decision-making process of the Supreme Court, the opinion of which justice carries the most weight?

A: none (All have an equal vote.)

62 Q: Federal Agencies - The NRC is an independent organization established by the Energy Reorganization Act to regulate civilian use of what kind of materials?

A: nuclear (radioactive)

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63 Q: Famines - Leading to more than one million deaths, a devastating potato famine occurred in 1846 in what European country?

A: Ireland

64 Q: Case - What is the grammatical case of the pronoun in this line?
Instead of modernizing the old destroyer, the
brass decided to use her for target practice.

A: objective

65 Q: Energy - At the bottom of its swing, a pendulum has no potential energy but a great deal of what other type of energy?

A: kinetic

66 Q: Native American Housing - What kind of distinctive villages are associated with the Taos, Acoma, Zuni, and Hopi peoples?

A: pueblos

67 Q: The Atmosphere - The extent of what hole above the Antarctic, that at one point grew to some 11 million square miles, now seems to be diminishing?

A: ozone hole

68 Q: Colonial Congresses - In 1765, name the congress that convened in New York City with representatives from nine of the colonies and prepared a resolution to be sent to King George III requesting the repeal of the Stamp Act?

A: Stamp Act Congress

69 Q: Matriarch - Which nine-letter word starting with the letter M refers to the female head of a family?

A: Patriarch

70 Q: Pacific Archipelagoes - The Philippines were named for King Philip II of what country?

A: Spain

71 Q: U.S. Extremes - The southernmost point in the lower 48 states is at the tip of what island?

A: Key West

72 Q: Doing Her Job - She was bombed during the Battle of the Coral Sea, but repaired and ready for battle again in only three days, in time for her to participate in the Battle of Midway. Her aircraft helped sink two Japanese carriers before she was finally sunk. Identify this aircraft carrier, named for the last battle of the American Revolution.

A: USS Yorktown

73 Q: Agriculture - While sugarcane grows exclusively in tropical and subtropical zones, what sucrose-rich plant is commercially cultivated only in the temperate zone?

A: sugar beet

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74 Q: A First in the Presidency - On August 9, 1974, he became the first president not elected to the office or to the vice presidency upon the resignation of Richard Nixon. Name him.

A: (Gerald) Ford

75 Q: Mythical Malapropisms - What word should have completed this sentence?

The mother of Achilles dipped him in the River Styx until he became intolerable.

A: invulnerable

76 Q: Solid Areas - What is the volume of a rectangular box if its faces have areas of 10, 14, and 35 square units?

A: 70 cubic units

77 Q: Agriculture - What is the collective name for bulgar, amaranth, millet, rye, barley, and wild rice?

A: grains

78 Q: Speeches - Martin Luther King gave his "I Have a Dream" speech in what city?

A: Washington D.C.

79 Q: Tributaries - The Gila River of Arizona is a tributary of what larger river?

A: Colorado River

80 Q: Large Numbers - One octillion is represented by the number 1 followed by how many zeroes?

A: 27

81 Q: Using Parts of Speech - "That is the sort of nonsense up with which I will not put." That was Winston Churchill's reply when he was criticized for ending a sentence with what part of speech?

A: A preposition

82 Q: Presidential Statements - What U.S. president issued this statement?

In Korea, the government forces which were armed to prevent border raids and preserve internal security were attacked by invading forces from North Korea.

A: Harry Truman

83 Q: Period Music - What period of music history does the music of Francois Couperin and George Handel represent?

A: Baroque

84 Q: Pronouns - How many pronouns are in this line?

Men are accomplices to that which leaves them indifferent.

A: 3

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85 Q: Root Words - What does the root word mean in these words?
flamingo
flambeau

A: flame

86 Q: Idioms - What noun is missing in these idioms?
odd ---- out
marked ----
---- of the world
right-hand ----
---- in the street

A: man

87 Q: Novels - Name this novel presented as a haiku.
In the red corner:
Captain Ahab. In the blue:
large white cetacean

A: Moby Dick

88 Q: Applied Physics - To a batter, a curve ball appears to do most of its curving in which quarter of its trip to the plate?

A: Fourth quarter

89 Q: Forests - Boreal forests are near what major circle of latitude?

A: Arctic Circle

90 Q: Borders - Gibraltar shares a maritime border with what African country?

A: Morocco

91 Q: Floods - The Black Hills flood of 1972, resulting in some 238 deaths, was one of the worst floods in the history of what state?

A: South Dakota

92 Q: Algebraic Translation - Convert this statement to an algebraic equation using p for the unknown.

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

A: $10/p = p-3$

93 Q: Bodies of Water - What enormous body of water is immediately south of the country whose capital is Colombo?

A: Indian Ocean

94 Q: Burning - What colorless, odorless, and tasteless gas is produced by the incomplete burning of fossil fuels?

A: carbon monoxide

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- 95 Q: DNA - Your DNA is unique to you, unless you have what relative?
A: a twin (an identical twin)
- 96 Q: Anatomy - Name the column of nervous tissue that runs through the backbone.
A: spinal column
- 97 Q: Plant Reproduction - Name the dust-like fertilizing male cells of gymnosperms and angiosperms.
A: pollen
- 98 Q: Presidents - Who was the U.S. president when the British captured Washington D.C.?
A: James Madison
- 99 Q: Misplaced Phrases - What phrase is misplaced in this?
The Iraq War veteran was referred to a psychologist with severe emotional problems.
A: with several emotional problems
- 100 Q: European Landmarks - These buildings are in what city?
Victoria Station
St. Paul's Cathedral
A: London
- 101 Q: Landlocked Locations - Name the northeasternmost landlocked U.S. state.
A: Vermont
- 102 Q: Invention History - People of what country invented wireless telegraphy, the barometer, and the first electric battery?
A: Italy
- 103 Q: Algebraic Evaluation - If $1/x + 1/y = 1/z$, what the value of z when $x = 10$ and $y = 15$?
A: 6
- 104 Q: Magellan's Voyage - In St. Julian Bay in South America, Magellan's men reported seeing camels without humps. It is most likely that these were what kind of animals?
A: llamas
- 105 Q: Organizations - A member of a bar association has what title?
A: lawyer (attorney)
- 106 Q: Modular Arithmetic - You are calculating in arithmetic modulo 12. If you add $8 + 7$ you get what?
A: 3
- 107 Q: Root Words - What is the meaning of the root word in "flamboyant"?
A: flame (blaze)

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108 Q: Sentence Parts - What is the direct object in this line?

What remarkable feats the Uzbekistani
contortionist performed!

A: feats

109 Q: Doing Her Job - She was bombed during the Battle of the Coral Sea, but repaired and ready for battle again in only three days, in time for her to participate in the Battle of Midway. Her aircraft helped sink two Japanese carriers before she was finally sunk. Identify this aircraft carrier, named for the last battle of the American Revolution.

A: USS Yorktown

110 Q: Bonding - According to the Watson and Crick model of DNA, how many hydrogen bonds does adenine usually form with thymine?

A: 2

111 Q: Money Idioms - Someone who is especially thrifty is said to be doing what with pennies?

A: pinching pennies (pinching them)

112 Q: Latin American Leaders - At various times, what one person served as the official president of Colombia, Peru, Venezuela, and Bolivia?

A: Simon Bolivar

113 Q: Tense - Restate this line in the future perfect tense.

She slimes signs.

A: She will have slimed signs.

114 Q: Ancient Greek Political Philosophy - Pericles, a prominent statesman and general during the Golden Age of Athens, is remembered in part for promoting what form of government?

A: democracy

115 Q: Exponents - What number results when these numbers are multiplied together?

2 to the 3rd power
2 to the 2nd power
2 to the 1st power
2 to the zero power

A: 64

116 Q: Technological Developments - During what general period in the history of Europe did these inventions emerge?

Fourdrinier paper machine
Tull seed drill
Meikle threshing machine
boring machine
slotting machine

A: Industrial Revolution

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117 Q: Pronouns - How is the reflexive pronoun used in this example?

I suppose you're really proud of yourself.

A: object of the preposition

118 Q: Gearing - A gear with 48 teeth is meshed with a gear with 24 teeth. The force applied to the second gear results in a mechanical advantage of what?

A: 2

119 Q: Writing - What literary technique is illustrated in this?

Lennie is big and dumb. His childlike innocence allows him to take an active role in George's dream of owning farm. Lennie loves soft things and animals, which he accidentally kills because of his strength. His size combined with his mental handicap frequently put him and George in difficult situations.

A: characterization

120 Q: Inventors - What firearm was invented by Samuel Colt?

A: revolver

121 Q: Mass - The center of mass for a metal plate of what shape is at the intersection of its two diagonals?

A: rectangle (or square)

122 Q: Scientific Notation - Convert 8.432×10^{-3} to the negative third power into a decimal number.

A: .008432

123 Q: Asia - What Asian country bordering the Yellow Sea extends farthest south?

A: China

124 Q: Sky - The atmosphere is transparent to visible light absorbed by the Earth's surface. The surface temperature increases which increases its emission of infrared radiation. Carbon dioxide and water in the atmosphere absorb the infrared radiation. This is called what effect?

A: greenhouse effect

125 Q: Wars - What 20th-century conflict involved people on both sides of the 38th parallel?

A: Korean War

126 Q: Angles - What is the supplement of a 121 degree angle?

A: 59 degrees

127 Q: Naval Vessels - What aircraft carrier sunk during the Battle of Midway was named after the site of Cornwallis' surrender of the British forces in the American Revolution?

A: Yorktown

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128 Q: Mammals - What is the collective name for the family of mammals that includes the kudu, impala, gazelle, springbok, oryx, wildebeest, and dik-dik?

A: antelope

129 Q: Mixed Reflections - Under the cupola of the Church of the Dome in Paris is the tomb of what military leader who is both hailed as a hero and reviled as a ruthless leader?

A: Napoleon (Bonaparte)

130 Q: Ownership - President Nasser of which nation seized the Suez Canal in 1956?

A: Egypt

131 Q: Symbols - What two implements were the Soviet Union's symbols for industry and agriculture?

A: hammer, sickle

132 Q: Music Notation - In music notation, a tie is a curved line connecting two or more notes of the same pitch. What is the term for a curved line connecting two or more notes of different pitches?

A: slur

133 Q: Power - If an electric heater is connected to a 120-volt circuit and draws a 15-amp current, what is the power rating of the heater?

A: 1800 watts

134 Q: Modular Arithmetic - In modulo 10, what is the sum of 150 and 25?

A: 5

135 Q: Multiplication - Multiply $(x-8)(x-5)$.

A: $x^2 - 13x + 40$

136 Q: Book Terminology - A book that is no longer available from the publisher is said to be out of what?

A: print

137 Q: Silver Strikes - What U.S. capital city is closest to where the Comstock Lode was discovered?

A: Carson City

138 Q: Sounds - Some sound combinations are consonant or pleasing to the ear. What is the corresponding adjective for sound combinations that are harsh and not pleasing to the ear?

A: dissonant

139 Q: Meteorological Antonyms - What term that rhymes with "humid" is an antonym of "humid"?

A: arid

140 Q: Weather Alerts - What kind of notice do meteorologists issue when strong rotation in a thunderstorm is indicated by weather radar or when a tornado has actually been sighted?

A: tornado warning

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- 141 Q: Purchasing Problems - If X night crawlers cost Y dollars, how many night crawlers can be purchased for \$20?
- A: $20X/Y$
- 142 Q: Probability - The probability of getting a 6 when a pair of dice is thrown is $5/36$. If you throw the dice 720 times, you would expect a sum of 6 to come up how many times?
- A: 100
- 143 Q: Force - Name the kind of force directed along the length of a wire, rope, or cable that is pulled tight between two objects.
- A: tension
- 144 Q: Parts of Speech - How is "except" used in this?
All things are possible except skiing through a revolving door.
- A: preposition
- 145 Q: Fog - The outer margin of a fogbow has a tinge of what color?
- A: red
- 146 Q: Engines - What is another name for a gas turbine engine?
- A: jet engine
- 147 Q: Capitals - The capital of Hawaii is on which island?
- A: Oahu
- 148 Q: Religious Beliefs - Both the Puritans and the Pilgrims believed in the teachings of the French-born, Swiss Protestant theologian named John who?
- A: Calvin
- 149 Q: Regions - What region in Russia contains somewhat more than 25% of the world's forests?
- A: Siberia
- 150 Q: Greek Roots - The term, "kinetic," comes from a Greek verb meaning to do what?
- A: move
- 151 Q: Radical Equations - What is the value of x in this equation?
 $x^3 - 1 = 26$
- A: 3
- 152 Q: Currencies - What is the currency used in Belarus and Russia?
- A: ruble
- 153 Q: Camping Physics - Wayne went camping but because he forgot his sleeping bag and pad, he had to snooze just wrapped up in a plastic tarp. Through what process will he lose a great deal of body heat to the ground?
- A: conduction

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- 154 Q: Tough Times - Two men in the Bible, both noted for their trials and tribulations, cursed their own birthdays. One was known as the Weeping Prophet. The other was a paragon of patience. Name both one of them.
- A: Jeremiah or Job
- 155 Q: Inequalities - Solve this inequality for x.
 $3(x+1)$ is greater than or equal to 9
- A: x is greater than or equal to 2
- 156 Q: Parliamentary Legislation - The British North America Act of 1867 established the Dominion of what?
- A: Canada
- 157 Q: Heat - Under what circumstances can heat flow from an object with a lower temperature to one with a higher temperature?
- A: none
- 158 Q: Drama - Thespis, Aristophanes, Sophocles, Euripides, and Aeschylus were important playwrights of what ancient civilization?
- A: Greek
- 159 Q: Electricity - Electrical currents generate magnetic fields, and changing magnetic fields generate what?
- A: electrical currents
- 160 Q: Good Medicine - Which New Testament gospel writer is the patron saint of doctors?
- A: Luke
- 161 Q: Capitals - Name either state capital city that was also the capital of the Confederacy.
- A: Richmond VA or Montgomery AL
- 162 Q: Wonders of the Ancient World - Name either of the major rivers in the vicinity of the ancient Hanging Gardens.
- A: Tigris, Euphrates
- 163 Q: Legislative Idioms - When lawmakers avoid making a tough decision by either delaying a vote or passing some temporary measure, the practice is called kicking what down the road?
- A: the can
- 164 Q: Cotton Production - Name the stiff wire brush once used to disentangle and straighten cotton fibers prior to spinning.
- A: card
- 165 Q: San Francisco - What hill in San Francisco got its name from the Western Union line strung in 1861 between there and New York?
- A: Telegraph Hill

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- 166 Q: Planes - The point where the x-axis and the y-axis intersect in a coordinate plane is called what?
- A: the origin
- 167 Q: Literary Forms - What is the name for the kind of book with many different poems by different authors?
- A: anthology
- 168 Q: Number Conversion - Convert this number in scientific notation to a decimal.
 5.2613×10 to the negative 4th power)
- A: .00052613
- 169 Q: Fractional Equations - If $5/(x+2)$ equals $3/(x-2)$, then x equals what?
- A: 8
- 170 Q: Sentence Types - Classify this interrogative sentence by A.A. Milne according to its structure.
Did you ever stop to think and forget to start again?
- A: compound
- 171 Q: Polygon Angles - The sum of the measures of all the angles of a quadrilateral is exactly twice that of what other polygon?
- A: triangle
- 172 Q: Which President? - Given the year of birth and the year of death, name the President: 1917 – 1963
- A: Kennedy
- 173 Q: Florida History - All of west Florida was brought under U.S. military control in 1818 by troops under the command of what future president?
- A: Andrew Jackson
- 174 Q: Solids - What type of geometric solid can be produced by rotating a rectangle about its axis?
- A: cylinder
- 175 Q: Sentence Structure - In general, you should use what punctuation marks to set off participial phrases that are not essential to the basic meaning of the sentence?
- A: Commas
- 176 Q: Number Problems - Six consecutive numbers are given. The sum of the first three is 27. What is the sum of the last three?
- A: 36
- 177 Q: Loci - Two points, A and B, are seven units apart. How many points are there that are equidistant from both A and B and also eight units from A?
- A: 2

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178 Q: Ancient Physics - Like many earlier Greeks, Empedocles taught that all things are composed of the elements earth, fire, air, and what else?

A: water

179 Q: Hydraulics - Suppose you have a 10-foot diameter tank and the bottom of that tank is connected to a hose leading to the bottom of a 2-foot diameter tank. Both tanks have the same depth. When you completely fill the larger tank, what will the fluid level be in the smaller tank?

A: the same

180 Q: River Origins - The headwaters of the Rio Grande are in what state?

A: Colorado

181 Q: Starting Place for a Genre - In what Caribbean island country did the musical beat known as Reggae originate?

A: Jamaica

182 Q: Measurements - How many yards are in 4.5 miles?

A: 7920

183 Q: Explorers - In 2019, Colin O'Brady became the first person to cross what continent solo, unsupported, and unassisted?

A: Antarctica

184 Q: Sound Wavelengths - If the frequency of a sound wave and the distance it travels in one second are known, its wavelength can be determined by dividing the distance by what?

A: the frequency

185 Q: Teeth - Name the pointy teeth next to your incisors.

A: canines (canine teeth)

186 Q: Sports Literature - These books are about what sport?

Hit Man
One Ring Circus
My View from the Corner
Hands of Stone
America on the Ropes
Raging Bull

A: boxing

187 Q: Consecutive Integers - What is the largest of four consecutive integers whose sum is 90?

A: 24

188 Q: Wars - Name the two main countries who, during the mid-1800s, fought the Opium Wars.

A: China, Great Britain

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189 Q: Songs - What month is indicated in the song that begins, "While strolling through the park one day"?

A: May

190 Q: Political Idioms - What idiom for an informal poll or vote relates to the direction in which stalks of threshed grain blow in the wind?

A: straw poll (straw vote)

191 Q: Asia - One of the most heavily militarized borders in the world is the demilitarized zone on what peninsula in eastern Asia?

A: Korean Peninsula

192 Q: Biology - These examples illustrate what gradual process?

-Previously dark-colored forest dwellers, deer mice that moved to sandy foothills developed a lighter coat for camouflage.

-Mexican cave fish lost their eyes as they had no need for sight.

A: evolution (or adaptation)

193 Q: Bivalve Mollusks - Name the beautiful concretions with brilliant luster produced within the shells of certain mollusks.

A: pearls

194 Q: Ocean Currents - These are important currents in what ocean?

Kamchatka Current
Mindanao Current
Humboldt Current
Kuroshio Current

A: Pacific

195 Q: Settings - What state is the setting for these books?

In the Lake of the Woods
Lake Wobegon Days
Twin Cities Noir
Duluth

A: Minnesota

196 Q: Notable Names - The code names Overlord, Desert Shield, Rolling Thunder, Torch, Market Garden, and Uphold Democracy were each preceded by what term indicating a significant military undertaking?

A: Operation

197 Q: Deduction - What is the conclusion in this line of reasoning?

If one does not practice, one will not become an accomplished pianist.
Susan took piano lessons for three years, but she never practiced.

A: Susan is not an accomplished pianist.

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- 198 Q: Scientific Notation - Express 0.0010 in scientific notation.
A: 1×10 to the -3 power
- 199 Q: Square Root - What is the square root of x squared / (y to the fourth)?
A: $x / (y \text{ squared})$
- 200 Q: Parallelograms - What can be said about any two consecutive angles of a parallelogram?
A: They are supplementary. (Angle sum is 180)
- 201 Q: Arcs - In a circle, what is the major arc if the minor arc measures 75 degrees?
A: 285 degrees
- 202 Q: Pronouns - What are the two third-person plural possessive pronouns?
A: their, theirs
- 203 Q: Memoirs of the 70s - Who wrote this?
Al Haig came over to tell me that there would be a new tape released on Monday, and that the evidence was so devastating there would either be a resignation or an impeachment. He told me to be prepared, that things might change dramatically and that I could become president.
A: Gerald Ford
- 204 Q: Memorials - There is a Lincoln Memorial in what Iowa city that marks the eastern terminus of the transcontinental railroad?
A: Council Bluffs
- 205 Q: Big Sculptures - What word is missing from this original name for the Statue of Liberty?
Liberty ---- the World
A: Enlightening
- 206 Q: Colonial Cities - What Quaker and early colonial leader selected a site at the confluence of the Delaware and Schuylkill rivers for his new city?
A: William Penn
- 207 Q: Ancient Cities - Around 1020 B.C., King David, the successor to Saul, conquered what city and made it the Hebrew capital?
A: Jerusalem
- 208 Q: Algebraic Operations - When y equals 2, what is the value of $y + y$ (to the y th power)?
A: 10
- 209 Q: Lots o' Zeroes - Writing one hundred requires two zeroes and writing one million requires six zeroes. How many zeroes are needed to write one septillion?
A: 24

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- 210 Q: Mining Money - Mineral-rich sand and gravel that can be profitably exploited is known to miners as what kind of dirt?
- A: pay dirt
- 211 Q: Quadrilaterals - If the sum of any two consecutive angles in a quadrilateral is equal to a straight angle, what kind of quadrilateral is it?
- A: parallelogram (rectangle, square, rhombus)
- 212 Q: Pronoun Case - In what case is the pronoun in this example?
In any game, Dallas and Ron have their own mysterious and unfathomable ways of scoring.
- A: possessive case
- 213 Q: Trapezoids - If the area of a trapezoid is 52 square centimeters and its bases are 11 and 15 centimeters, what is its height?
- A: 4 centimeters
- 214 Q: Symmetry - How many axes of symmetry does a square have?
- A: 4
- 215 Q: Legends - Upon his death, what legendary British monarch was said to have been taken to the island of Avalon?
- A: King Arthur
- 216 Q: World War II - Name the military group created and commanded by Hermann Goering.
- A: Luftwaffe
- 217 Q: Crises of the Sixties - The two world leaders involved in the Cuban missile crisis were Nikita Khrushchev and what American head of state?
- A: John Kennedy
- 218 Q: Half-Life - The half-life of nitrogen-13 is about ten minutes. So, in a beaker that contains only this isotope, what fraction of it will still be nitrogen-13 in a half hour?
- A: 1/8th
- 219 Q: Phrases - An introductory participial phrase is usually followed by what punctuation?
- A: comma
- 220 Q: Jeepers! Peepers! - A person who stealthily peeks into windows and through keyholes is a peeping who?
- A: Tom
- 221 Q: Congress - In what type of session do members of the Senate and House of Representatives meet together, usually for a special purpose?
- A: joint session

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- 222 Q: Children's Poems - What is the last word in this passage by Robert Louis Stevenson?
Children, you are very little,
And your bones are very brittle.
If you would grow great and stately,
You must try to walk ...
- A: sedately
- 223 Q: Medieval Occupations - In medieval Europe, what was the title of someone who performed procedures ranging from leeching and dentistry to surgical amputations, hernia repairs, and gallstone removals?
- A: barber
- 224 Q: Common Concept - The word for this common concept can be translated from Sanskrit as "action" and can be found in several Eastern religions including Hinduism and Buddhism. Which concept relates to positive or negative actions happening to those who act one way or the other?
- A: Karma
- 225 Q: Trees - Certain of these trees are estimated to be at least 1500 years old, and some may actually be in the neighborhood of 4000 years old. Name these fruit trees of the Mediterranean.
- A: olive
- 226 Q: Battles - These were battles of what 20th century Asian conflict?
Old Baldy
Bloody Ridge
Heartbreak Ridge
Chosin Reservoir
Inchon
Seoul
- A: Korean War
- 227 Q: Ancient Rome - An advisory council for Roman kings in the sixth century B.C. eventually evolved into what powerful legislative body?
- A: Senate
- 228 Q: Sailing - What is the shape of the lateen sail invented around 300 B.C.?
- A: triangular
- 229 Q: Angles - What is the supplement of a 43 degree angle?
- A: 137 degrees
- 230 Q: Deposition - The rock salt deposits in New York and Michigan and the great salt domes in the Gulf Coast states originated as what kind of natural deposits resulting from the evaporation of sea water?
- A: evaporites

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231 Q: Iran History - The religious and political leader of Iran during the Iran hostage crisis was what ayatollah?

A: Ayatollah Khomeini

232 Q: Money Problems - A rod and a reel together cost \$25.50 and the reel costs \$20 more than the rod. What is the price of the rod?

A: \$2.75

233 Q: Word Transformations - Change a single consonant in the word "hideous" so that it means a secret place used by outlaws.

A: hideout

234 Q: Great Scot - Who is the author of An Inquiry Into the Nature and Courses of the Wealth of Nations? He is known as the Father of Economics.

A: Adam Smith

235 Q: Lyrics - These lines are from the song of which American military branch?
-Here they come zooming to meet our thunder
-Down we dive, spouting our flame from under

A: U.S. Air Force

236 Q: Cosmology - Some proponents of what cosmological theory say that about 13.8 billion years ago, the universe was the size of a peach with a temperature of over a billion degrees?

A: big bang theory

237 Q: Physical Laws - When a cannon is fired, the forward force on the cannonball is matched by an equal backward force on the cannon itself. This illustrates which of Newton's laws of motion?

A: third law

238 Q: Communication Techniques - These are examples of what kind of techniques?
name calling, bandwagon,
plain folks, card stacking

A: propaganda techniques

239 Q: Timeless Trades - What is the modern term for someone who was an apothecary in medieval times?

A: pharmacist

240 Q: Small Countries - Located on the Mediterranean coast with a population of less than 35,000, what is the world's most densely populated country?

A: Monaco

241 Q: The Color Wheel - Any two colors that are directly opposite each other on the color wheel are described as being what?

A: complementary

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- 242 Q: Heads of State - These people were heads of state on what continent?
Anwar Sadat
Robert Mugabe
Jomo Kenyatta
- A: Africa
- 243 Q: The Declaration - The first signer of the Declaration of Independence was a businessman from what colony?
- A: Massachusetts
- 244 Q: Inequalities - What is the solution set of this inequality?
 $10y - 45$ is equal to or less than 45
- A: y is equal to or less than 9
- 245 Q: Linear Equations - Solve this equation for r .
 $8r + rs = 10$
- A: $10/(8+s)$
- 246 Q: Europeans - What is the nationality of most people living in the region of Normandy?
- A: French
- 247 Q: Experiments - James Joule used a paddle wheel inside a container of water. Work done to turn the paddle against the resistance of water produced heat by friction. This demonstrated that heat is a form of what?
- A: energy
- 248 Q: Wartime Crime - What is the name for the crime the Nazis perpetrated under Operation Bernhard when Jewish concentration camp inmates were forced to design and print fake British pounds?
- A: counterfeiting
- 249 Q: Art Forms - What major 19th-century American industry was directly associated with scrimshaw?
- A: whaling
- 250 Q: Epidemics - Reminiscent of a country on the Iberian Peninsula, the influenza pandemic of 1918 was also known as an epidemic of what kind of flu?
- A: Spanish flu
- 251 Q: Homonyms - What word can mean an intense bright light or to stare angrily?
- A: glare
- 252 Q: Horror Stories - At the end of what scary story by Edgar Allan Poe do two family members fall dead as their ancestral mansion splits and sinks into a lake?
- A: The Fall of the House of Usher

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- 253 Q: Westerns - What story of the Old West tells of "a slim young giant, more beautiful than pictures" who travels to Wyoming from Virginia, falls in love, and confronts a villain named Trampas?
- A: The Virginian
- 254 Q: Mediterranean Isles - What major island is located just to the north of Malta and just to the west of the southern tip of the Italian peninsula?
- A: Sicily
- 255 Q: Political Factions - What American political party was founded in 1854 by antislavery Whigs and others who opposed the extension of slavery into new U.S. territories?
- A: Republican Party
- 256 Q: The Price of Victory - Defense Secretary Robert McNamara told President Johnson that even with 600,000 American troops and combat casualties estimated at 1000 per month, he could not guarantee victory in what country?
- A: South Vietnam (Vietnam)
- 257 Q: Crime - Sheriff Sara arrested Mitchell who was the lookout when Ricky wounded Carl while robbing Buford's Barbecue. Who was the accomplice?
- A: Mitchell
- 258 Q: References - Derived from the Greek language, what is a synonym for a dictionary?
- A: lexicon
- 259 Q: Financial Abbreviations - What does the abbreviation mean in this line?
In preparation for the stockholder's meeting,
the company's accountants prepared a P&L
statement.
- A: profit and loss
- 260 Q: Organizations - These works are all about what American organization?
The Nine
Thurgood Marshall: American Revolutionary
John Marshall: Definer of a Nation
Hugo Black: A Biography
The Memoirs of Earl Warren
- A: Supreme Court
- 261 Q: Dietary Minerals - You need what dietary element to prevent anemia?
- A: iron
- 262 Q: Tense - What tense is illustrated in this sentence?
He will have been painting for over twelve
years before he opens his first exhibit early
next winter.
- A: future perfect progressive

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- 263 Q: Congressional Voting - An electronic voting system exists in which house of the U.S. Congress?
A: House of Representatives
- 264 Q: Bones - Name the horseshoe-shaped bone forming the lower jaw.
A: mandible
- 265 Q: Square Root - What is the square root of 0.01?
A: .1
- 266 Q: Rock - What is the general name for the solid rock that underlies alluvial deposits?
A: bedrock
- 267 Q: Ladies of Domremy-la-Pucelle - What French woman who was burned at the stake in 1431 was canonized in 1920?
A: Joan of Arc
- 268 Q: The Endocrine System - One hormone may have several effects on different target organs, and one target organ may be affected by more than one what?
A: hormone
- 269 Q: Sentence Analysis - What is the simple subject of this sentence?
Does Mothra typify a Japanese insect that has fed upon much hazardous waste?
A: Mothra
- 270 Q: Abhorrent Practices - For a significant time during the 20th century, what country became especially involved in "eliminationist anti-Semitism"?
A: Germany
- 271 Q: Valleys - Some 20 million years ago, a jagged rift thousands of kilometers long began developing across the African continent. Name the resulting valley.
A: (Great) Rift Valley
- 272 Q: Elements - What chemical element is named after the Swedish inventor of dynamite.
A: Nobellium
- 273 Q: Verbs - What kind of verbs can be thought of as equal signs in a sentence?
A: linking verbs
- 274 Q: Equations - If $3y + 7 = 22$, then what does $4y$ equal?
A: 20
- 275 Q: Taxonomy - Chordates and vertebrates belong to what phylum?
A: Chordata

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276 Q: Drug Slang - Reminiscent of a large holiday bird, the phrase meaning to abruptly curtail one's use of drugs is to quit how?

A: cold-turkey

277 Q: Aviation - When deployed, the flaps on aircraft wings decrease velocity and increase what?

A: lift

278 Q: Cube Roots - What is the cube root of $8/27$?

A: $2/3$

279 Q: Taxation - What kind of taxes paid by households and businesses are based upon the value on land and buildings?

A: property taxes

280 Q: Hair - On your body above the shoulders, what is an example of "definitive hair," hair that grows to a certain length and then ceases growing?

A: eyebrows, eyelashes

281 Q: Polygons in Government - The name for what polygon is also used for the headquarters for the Department of Defense?

A: pentagon

282 Q: River Steamboats - On the Mississippi and other rivers, the call of the steamboat leadsman to indicate that the water was at least two fathoms deep and safe for navigation was "mark" what?

A: twain

283 Q: Homonyms - Spell the word meaning a sleeveless outer garment that is a homonym for a shelf above a fireplace.

A: mantle

284 Q: Aviators - In 1926, who was the pilot on the first regularly scheduled mail flight between St. Louis and Chicago?

A: Charles Lindbergh

285 Q: Lose Control - What is the term for the process of removing government controls from the market and increasing free trade?

A: deregulation

286 Q: Freezing - An increase in pressure has what effect on the freezing temperature of most substances?

A: raises it

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287 Q: Literary Criticism - What characteristic about the general emotional tone or atmosphere of a literary work is often described with words like these?
humorous, tense, gloomy, dreamy, menacing,
romantic, cheerful

A: mood

288 Q: Island Nation - The mouse lemur, the world's smallest primate, is indigenous only to what island nation that is the second largest after Indonesia?

A: Madagascar

289 Q: Refugees - Palestinian refugees are people whose place of residence was Palestine between June 1946 and May 1948, who lost their homes and means of livelihood as a result of the 1948 conflict between the Arabs and the people of what country?

A: Israel

290 Q: Seaside Nations - Saudi Arabia and Sudan are the two largest nations bordering what body of water?

A: Red Sea

291 Q: Cliches - What is the last word in this cliché?
bats in the ...

A: belfry

292 Q: Age Problems - Deb's father is 45. If he is 15 years older than twice Deb's age, how old is Deb?

A: 15

293 Q: The Cabinet - George Washington appointed Alexander Hamilton to what cabinet position?

A: secretary of the treasury

294 Q: Running the Steps - Visitors to Philadelphia often run up the outside steps of the Museum of Art, inspired by a scene from what motion picture?

A: Rocky

295 Q: - The periodic table of elements was created by which Russian chemist?

A: (Dmitri) Mendeleev

296 Q: Lakes - Name the largest man-made lake on the Nile River.

A: Lake Nasser

297 Q: Megaliths - Name the most famous megalithic structure on the Salisbury Plain in Great Britain.

A: Stonehenge

298 Q: Border Hopping - If you hop to the southernmost point in Illinois, what state would be immediately to your east?

A: Kentucky

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299 Q: Solids - In a prism with regular octagonal bases, how many faces are parallel with one other face?

A: 10

300 Q: Mythical Garb - Given to her by her father, Ares, what did Hippolyta wear to symbolize her authority as queen of the Amazons?

A: girdle (belt, sash)

301 Q: Novels - Complete this title of Karen Hesse's novel about what happened to a family during the terrible drought and storms of the 1930s in the panhandle of Texas.
Out of the ...

A: Dust

302 Q: Solids - Regular tetragons form the faces of what regular polyhedron?

A: cube (hexahedron)

303 Q: Literary Elements - What is the term for the speed at which a story is told, how fast the action moves, and how quickly the reader is provided with information?

A: pace

304 Q: Poetry - In what form of poetry do the lines do not end in rhymes?

A: blank verse

305 Q: Good Vibrations - A string on a guitar vibrates with a set of frequencies that are mainly dependent on what force on the string?

A: tension

306 Q: Presidents - What U.S. president addressed the nation on the Cuban missile crisis?

A: John Kennedy

307 Q: Fungus Reproduction - Mushrooms produce what simple cells that grow into new mushrooms?

A: spores

308 Q: Transportation Homonyms - What name is shared by a boat-shaped passenger car on an airship, a railroad freight car without a top, and a long, narrow, flat-bottomed Venetian boat?

A: gondola

309 Q: Arid Places - The Sahara is expanding through a process that is transforming arable land into additional desert. Name that process.

A: desertification

310 Q: An Interesting Problem - Ralph Fenster sees the car he wants go on sale for \$30,000 at 4% interest. He knows that the actual amount he will borrow for 60 months is the cost plus the interest. How much will he pay monthly?

A: \$552.50

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- 311 Q: Simple Interest - If an original amount of \$5400 was deposited two years ago and the account is now worth \$5832, what is the simple annual interest rate?
- A: 4%
- 312 Q: Geographic Regions - Name either of the two Middle East countries that extend farthest west.
- A: Egypt, Turkey
- 313 Q: Science Fiction - Name the author who, had he used a different temperature scale, would have named one of his famous science fiction works "Celsius 233."
- A: Ray Bradbury
- 314 Q: Fractional Simplification - Simplify $(2/5)/(1/7)$.
- A: $14/5$
- 315 Q: Reflection - If a wave strikes a flat barrier at a 30-degree angle, it will reflect from the barrier at what angle?
- A: 30 degrees
- 316 Q: The Civil War - The Civil War began in 1861 with the Confederate bombardment of Fort Sumter. The last battle was fought at Palmito Ranch in Texas in May of what year?
- A: 1865
- 317 Q: Political Doctrines - The doctrine that government is created by and subject to the will of the people, who are the source of all political power, is called popular what?
- A: sovereignty
- 318 Q: Means - The weights of fish on one stringer were 13, 15, and 65 pounds while those on another stringer were 17, 25, and 9 pounds. What is the difference between the means of the stringers?
- A: 14
- 319 Q: Angiosperms - Name the structure in angiosperms that bears the organs for sexual reproduction.
- A: flower
- 320 Q: Out of the Storm - To avoid storms, airplanes will often fly in this relatively peaceful atmospheric layer, that's just below the mesosphere. Name it.
- A: Stratosphere
- 321 Q: Force - Newton said a force is something applied to a mass that causes it to accelerate. He said that force could either be a push or a what?
- A: pull
- 322 Q: Factorials - What is 9 factorial?
- A: 362880

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- 323 Q: Fanciful Measurement - A gross ignoramus is how many dozen times dumber than a plain ignoramus?
- A: 12
- 324 Q: Machines - Name the stationary, motor-driven or hand-powered machine with a drum around which a rope or chain winds while a load is lifted.
- A: winch
- 325 Q: Keeping Kosher - Which branch of Judaism adopts the strictest observance of traditional beliefs and practices including dietary laws, daily prayers, intensive Torah study and gender segregation?
- A: Orthodox OR Hasidism
- 326 Q: White Stuff - What results from the continual shedding of epidermal cells of the scalp?
- A: dandruff
- 327 Q: Frontier Settlements - What adjective describes Old West towns that suddenly sprang up or dramatically increased in size following a nearby discovery of gold, oil, or silver?
- A: boom
- 328 Q: Archaeological Discoveries - This is about the discovery of an archaeological site that became what U.S. national park?
In 1888, two cowboys, Charlie Mason and Richard Wetherill, were on horseback looking for stray cattle when they came to the edge of a canyon. Looking down, they spotted an immense cave cut into the cliff wall, and in the cave was what looked like a palace.
- A: Mesa Verde
- 329 Q: Conflicts - Troops from what two countries fought against the U.N. forces during the Korean War?
- A: North Korea, China
- 330 Q: Religion - What broad category of religion is indicated in this line from a prayer by the pharaoh Akhenaten?
O sole god beside whom there is none.
- A: monotheism
- 331 Q: Scientific Variables - If you designed an experiment to see whether massive amounts of vitamin C administered to hamsters would significantly increase their life spans, what would be the independent variable?
- A: vitamin C
- 332 Q: Skin Coloration - Human skin color is controlled by the interaction of three pigments including melanin, carotene, and what iron-containing respiratory pigment?
- A: hemoglobin

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333 Q: Astronomical Demonyms - Martian is to Mars and Venusian is to Venus as Jovian is to what planet?

A: Jupiter

334 Q: Worm Harvesting - One night, in a science project involving a group of 55 annelid aficionados, 10 of them caught an average of 90 worms, 15 of them averaged 80 worms, and everybody else averaged 60 worms. To the nearest whole number, what was the average for the entire group?

A: 71

335 Q: Financial Idioms - Someone who has plenty of money and lives a life of comfort is said to be in what low-growing plant with trifoliate leaves?

A: clover

336 Q: The Commutative Property - The expression $a + b = b + a$ is true for what integers?

A: all real integers

337 Q: Homophones - Spell the homophone indicating a type of corn that sounds the same as the noun meaning "an intricate network of connecting pathways."

A: maize

338 Q: Bones - What is the collective name for the bones in the digits of the hands and feet?

A: phalanges

339 Q: Cereals - While rice is the primary cereal of tropical regions, what is the primary cereal of temperate regions?

A: wheat

340 Q: Fictional Lands - What author created the countries of Winkie, Munchkin, and Gillikin?

A: L. Frank Baum

341 Q: Islands - Queens and Brooklyn are boroughs on what island?

A: Long Island

342 Q: Conscription - In the U.S., national conscription was first imposed during what conflict?

A: Civil War

343 Q: Cubes - What is the next perfect cube less than 1728?

A: 1331

344 Q: Solid Figures - Name the solid bounded by a uniformly curved lateral surface with ends that are equal and parallel circular areas.

A: cylinder

345 Q: Despair - At an execution in 1431, an English leader cried out, "We are lost! We have burned a saint!" He was speaking of what French woman?

A: Joan of Arc

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346 Q: Modular Arithmetic - Express 120 in modulo 12.

A: 0

347 Q: Bad Attitude - A deeply pessimistic outlook is indicated by the phrase, "gloom and" what?

A: doom

348 Q: Interrogatives - What kind of questions are these?

If you pamper a cow, do you get spoiled milk?

How do you get off a nonstop flight?

What happened to Old Zealand?

Do hummingbirds hum because

they don't know the words?

A: rhetorical questions

349 Q: Punishment - A convict who is granted provisional freedom from incarceration under supervision and during good behavior is said to on what?

A: parole (or probation)

350 Q: Parliamentary Motions - A motion that has been adopted or accepted is said to be what?

A: carried (passed, approved, enacted)

351 Q: Energy - Prior to 1941, it was the world's chief fuel, and it is likely to return to first place as oil and gas reserves run out. Name this fossil fuel.

A: coal

352 Q: Restricted By the Law - Confinement to one's own home as legal punishment is called what?

A: House arrest

353 Q: Baptisms - A soldier's first combat experience is sometimes referred to as baptism by what?

A: fire

354 Q: American Rivers - The Perdido River separates Florida from what other state?

A: Alabama

355 Q: Products - What is A if the product of these four consecutive integers is 840?

A times B times C times D

A: 4

356 Q: Islands - The island of Rhodes is part of what country?

A: Greece

357 Q: Writing Errors - Consider this line.

A shade of purple which caught his fancy.

Although that example is punctuated as a sentence, it is actually a sentence what?

A: fragment

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358 Q: Algebraic Ratios - What is the value of q if $4/q = 21/5$?

A: 20/21

359 Q: Oceanic Landforms - What results when two caves on opposite sides of a headland join?

A: sea arch

360 Q: Trying Treks - Most of those who journeyed through the Chilkoot Pass in the late 19th century sought what prize?

A: gold

361 Q: Biological Techniques - In biology, what is the term for the cutting open of a dead creature to investigate its organs?

A: dissection

362 Q: Sentence Parts - What is the predicate adjective in this line by Mark Twain?

Barring that natural expression of villainy
which we all have, the man looked honest
enough.

A: honest

363 Q: Foot Disorders - Another term for flatfeet is fallen what?

A: arches

364 Q: Vessels - In whose locker are the Yorktown, the Lusitania, the Yamato, and the Andrea Doria?

A: Davy Jones' locker

365 Q: Historical Connotations - The name for what vast region in Russia has the connotation of punishment?

A: Siberia

366 Q: Reasoning - What is the missing premise in this argument?

All metals contract when cooled and expand
when heated. Therefore, aluminum will expand
when heated.

A: Aluminum is a metal.

367 Q: Quadrilaterals - What kind of quadrilateral has just a pair of its opposite sides parallel?

A: trapezoid

368 Q: Foreigners in America - Before a foreign citizen boards a plane or ship headed to the U.S., permission must be obtained from the American government in the form of what document?

A: a visa

369 Q: Literary Techniques - In Dickens' "A Christmas Carol," Scrooge is visited by the Ghost of Christmas Yet to Come and sees his future. This literary technique is called flash what?

A: flash forward

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- 370 Q: Algebraic Factoring - Completely factor $x^2 + 6x + 9$.
- A: $(x+3)(x+3)$ or $(x+3)^2$
- 371 Q: Pilgrimages - Each year, some 20 millions people undertake pilgrimages to what river the flows from the Himalayas to the Bay of Bengal?
- A: Ganges River
- 372 Q: Campaigning - The candidate who appears to be in the lead during a campaign is called what kind of runner?
- A: front runner
- 373 Q: Bygone Rulers - What is the modern name of the country ruled at various times by these men?
- Shahrukh Afshar
Karim Khan Zand
Mohammad Khan Qajar
Ahmad Shah Qajar
Reza Shah
Mohammad Reza Pahlavi
- A: Iran
- 374 Q: Metallurgy History - Dating back 5000 years, what was the first alloy to be produced by humans?
- A: bronze
- 375 Q: State Areas - In what state is the Black Rock Desert, the Pahranaagat Valley, and parts of the Mojave Desert and the Sierra Nevada?
- A: Nevada
- 376 Q: Algebraic Square Roots - What is the square root of b to the 12th power?
- A: b to the 6th power
- 377 Q: Educational Malapropisms - What word should the writer of this line have used?
The amount of education you have determines
your loot in life.
- A: lot
- 378 Q: Polaris - For any observer in the Northern Hemisphere, the altitude in degrees to Polaris is practically the same as the angular distance north of the equator. Name that angular distance.
- A: latitude
- 379 Q: Shared Names - What name was shared by two Bavarian kings, two Holy Roman emperors, and an Austrian archduke who was emperor of Mexico in the 1860s?
- A: Maximilian
- 380 Q: Heat - The first law of thermodynamics states that no heat flows between two bodies with the same what?
- A: temperature

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- 381 Q: Slopes - What three line segments have a slope of 2 if AB has a slope of 2 and the points A, B, and C are collinear?
- A: AC, BC, and AB
- 382 Q: Forecasting - On a weather map, what shape is formed by isobars indicating a depression or atmospheric low?
- A: circle (oval)
- 383 Q: Force - The U.S.S. Missouri was a very heavy steel battleship but she floated quite nicely because she displaced enough water so that what force of the water remained greater than the weight of the ship?
- A: buoyant force
- 384 Q: Legendary Flights - In Greek mythology, young Icarus and his father set out on a daring escape flight to freedom from Crete. His father was what brilliant engineer?
- A: Daedalus
- 385 Q: Science Fiction - What kind of heavenly bodies are these fictional locations?
K-PAX
Arrakis
Krypton
Romulus
- A: planets
- 386 Q: Questions You Don't Answer - What kind of spoken question is asked without any expectation of an audible answer?
- A: Rhetorical question
- 387 Q: Local Government - What kind of local laws might prohibit construction of factories in a certain area or specify a minimum lot size for residential development?
- A: zoning laws
- 388 Q: Bad Writing - What error is illustrated in these lines?
-Elvis will arrive at 3 p.m. this afternoon.
-The leprechaun's coat was green in color.
- A: redundancy
- 389 Q: Palindromes - What synonym for a maxim or truism completes this palindrome?
Egad, an ...
- A: adage
- 390 Q: Illegal Transactions - The illegal buying and selling of merchandise is known as what market?
- A: black market
- 391 Q: Life Forms - Multicellular organisms that have a eukaryotic cell type, chloroplasts, mitochondria and cell walls composed of cellulose belong to what taxonomic kingdom?
- A: plants (Plantae)

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392 Q: Far-Out Walks - Who was U.S. president when the first man walked on the Moon's surface?

A: Richard Nixon

393 Q: Valleys - The Champlain Valley region is shared by New York and what other state?

A: Vermont

394 Q: News Reports - "A candidate said, "Dumping plutonium in the ocean may be a great idea for idiots." A reporter wrote that the candidate had said "Dumping plutonium in the ocean may be a great idea." The reporter should be criticized for taking the quote out of what?"

A: context

395 Q: Word Analysis - In "trigonometry," the prefix "tri" means three and "metry" means measurement. What is the meaning of the word element "gon"?

A: angle

396 Q: Ores - Chromite is an ore of what metal?

A: chromium

397 Q: Affixes - What is the meaning of the prefix in orthodox, orthodontics, and orthopedics?

A: straight (right, true)

398 Q: Fraud - A bad guy went through your garbage and found some discarded credit card bills. From that information, he was able to make several purchases for himself and charge them to your account. This is known as what kind of theft?

A: identity theft

399 Q: Experiments - To find out if soil types affect germination time, you fill six identical pots with different types of soil and plant 3 bean seeds at the same depth in each. All pots get the same amount of water and light and are held at the same temperature, and then you measure how long it takes for the seeds to sprout. What is the independent variable in this experiment?

A: soil type

400 Q: Infinitives - What infinitive phrase precedes these words in the Declaration of Independence?
... that all men are created equal

A: to be self-evident

401 Q: Natural Disasters - 159 Hawaiians were killed in 1946 by a tsunami that had been caused by an earthquake off the coast of what mainland U.S. state?

A: Alaska

402 Q: Anatomy - The vocal cords extend across the opening of what hollow structure at the beginning of the trachea?

A: larynx

403 Q: Nonfiction - What first name completes the title of this nonfictional work?
Fatal Fever: Tracking Down Typhoid ...

A: Mary

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404 Q: Simplification - Simplify $(45abc)/(18bc)$.

A: $(5a)/2$

405 Q: Survivor - Charles Darwin posited what theory that states that differential survival and reproduction of individuals due to differences in traits that are heritable, having a genetic basis?

A: natural selection

406 Q: Astronomical Concepts - What is the modern term for what astronomers once referred to as an "island universe"?

A: galaxy

407 Q: Voice - What grammatical voice is used in the Pledge of Allegiance?

A: active voice

408 Q: Scientific Notation Multiplication - Multiply $1 \times (10 \text{ to the second power})$ by $7 \times (10 \text{ to the fourth power})$.

A: 7 times 10 to the 6th power

409 Q: Specific Gravity - Given that the specific gravity of aluminum is 2.17, we know that a one cubic centimeter sample of aluminum is 2.17 times heavier than a one cubic centimeter sample of what other substance?

A: water

410 Q: Sentence Structure - For what sentence structure does this stand?
S-V-PA

A: subject-verb-predicate adjective

411 Q: Turn of the Phrase - Abraham Lincoln reversed a three-word rhyming aphorism that means that the strongest are always correct to make it mean that those who are doing as they should are strong. What new phrase did he create?

A: Right Makes Might

412 Q: Fossil Fuels - The value of fossil fuels relies on the exothermic oxidation of carbon to form carbon dioxide and the oxidation of hydrogen to form what substance?

A: water

413 Q: Gas Hazards - Where in most houses is radon gas most likely to accumulate?

A: basements (crawlspaces)

414 Q: Concerns - What is the term for persistent, undue concern about past behavior or anticipated dangers?

A: worry (anxiety)

415 Q: Concerti - Which composer, nicknamed the Red Priest because of his startling red hair, wrote over 200 violin concertos? He is best remembered for a group of four of them, entitled Le quattro stagioni (The Four Seasons)?

A: (Antonio) Vivaldi

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- 416 Q: Warships - All of these ships took part in naval engagements during what war?
the 22-gun sloop Wasp
the 32-gun frigate Essex
the 38-gun frigate Chesapeake
the 44-gun frigate United States
the 44-gun frigate Constitution
- A: War of 1812
- 417 Q: Participles - What is the past participle of "wring"?
- A: wrung
- 418 Q: Canyons - What is the deepest canyon in the state that also is the site of Canyon de Chelly, San Xavier del Bac, and Kitt Peak National Observatory?
- A: Grand Canyon
- 419 Q: Settings - These books are mainly set in what country?
Sadko and the Thousand Paper Cranes
Shogun
The Samurai's Garden
- A: Japan
- 420 Q: Succession - Complete this statement about pond succession.
No sooner is a lake born than it starts to ...
- A: die
- 421 Q: Profit and Loss - A merchant sells a shipment of gloves at a profit of 16%. He invests the proceeds on this sale in a lot of door knobs, which he sells at a loss of 4% of the cost. He makes a net profit of \$56.80. What was the cost of the gloves?
- A: \$500
- 422 Q: Carbon - Just one gram of what kind of carbon or charcoal can have a total surface area of more than 500 square meters?
- A: activated
- 423 Q: Angle Measures - If the measure of an angle is 15 degrees more than its complement, what is the measure of the larger angle?
- A: 52.5 degrees
- 424 Q: Vertebrates - The internal skeletons of vertebrates are made of bone or what tough connective tissue?
- A: cartilage
- 425 Q: Library Destruction - During what conflict were most of the original holdings of the Library of Congress destroyed?
- A: War of 1812
- 426 Q: River Borders - The western border of Illinois is formed by what river?
- A: Mississippi

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427 Q: Change in the Atmosphere - The National Oceanic and Atmospheric Administration reported in early summer of 2022 that the amount of what compound in Earth's atmosphere has reached record high levels?

A: Carbon Dioxide

428 Q: Match Math - This season, Millie Minturn has won 6 of her 16 tennis matches. How many more matches must she win in a row to have a 60% overall winning record?

A: 9

429 Q: Boost of Energy - One pellet of what nuclear fuel source produces as much energy as 1 ton of coal?

A: Uranium

430 Q: Sports of Sorts - In a bullfight, what is the performer who actually kills the bull called?

A: matador

431 Q: Head Bones - What bone forms the back of the human skull?

A: occipital bone

432 Q: Europe - What nation forms the eastern part of the Scandinavian Peninsula?

A: Sweden

433 Q: Homophones - What word can either indicate an aquatic, carnivorous mammal or a device which creates an impression upon paper or melted wax?

A: seal

434 Q: Canadian Capitals - What is the capital of the province between British Columbia and Saskatchewan?

A: Edmonton

435 Q: Wars - This is about what war?

A generation of innocent young men, their heads full of high abstractions like Honour, Glory, and England, went off to war to make the world safe for democracy. They were slaughtered in stupid battles planned by stupid generals.

A: World War I

436 Q: Probability - What is the probability of randomly selecting a green apple from a bag holding 5 red, 6 green, and 4 yellow apples?

A: 2/5 (or 2 in 5)

437 Q: Botanical Malapropisms - What rhyming word should have completed this line?

The sun shines down on the leaves
and makes them perspire.

A: transpire

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- 438 Q: Government Finance - In government accounting, the amount by which outlays exceed receipts in a given fiscal period is called a what?
- A: deficit
- 439 Q: Progressions - What is the common ratio in this geometric progression?
16, -8, 4, -2, 1
- A: -1/2
- 440 Q: Temperature Ranges - What is the absolute temperature range for Warsaw, Missouri if it may hit 115 degrees F in July and -36 degrees F in February?
- A: 151 degrees F
- 441 Q: Beastly Botanical Fiction - What 1950s horror story is about people coping with mass blindness caused by meteor showers and ruthless, mobile, flesh-eating plants?
- A: The Day of the Triffids
- 442 Q: Presidents - Name the "Last of the Crooked Hats," the last Revolutionary War veteran to head the U.S. government.
- A: James Monroe
- 443 Q: Acids - All acids turn litmus paper what color?
- A: red (pink)
- 444 Q: Triangles - The lengths of the sides of a triangle are $3k$ and $4k$ and $5k$. The perimeter is 108. Find the length of each side.
- A: 27, 36, 45
- 445 Q: Britain - Great Britain includes England, Scotland, Northern Ireland, and what else?
- A: Wales
- 446 Q: Royal Return - After the rule of the Cromwells, the Restoration put the Stuarts back on the throne of England. After the rule of Napoleon, the Restoration returned which family to the throne of France?
- A: Bourbon(s)
- 447 Q: Peninsulas - What Mexican peninsula juts out farthest to the east?
- A: Yucatan
- 448 Q: American Short Story - He dies on board the USS Levant on May 11, 1863, ending 46 years of wandering the seven seas -- his punishment for supporting Aaron Burr's rebellion. Name this title character of Edward Everett Hale's short story.
- A: Philip Nolan (or The Man Without a Country)
- 449 Q: First Ladies - Who became First Lady upon the resignation of Richard Nixon in 1974?
- A: Betty Ford

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- 450 Q: Constellations - Alnitak, Alnilam, and Mintaka are the three stars that comprise a "belt" in which constellation?
- A: Orion
- 451 Q: Corporate Allusions - What multinational American company that is one of the world's largest suppliers of athletic shoes and apparel was named for the Greek goddess of victory?
- A: Nike
- 452 Q: Rhyme - What is the rhyme scheme of this verse by William Wordsworth?
When she I loved looked every day
Fresh as a rose in June,
I to her cottage bent my way,
Beneath the evening moon.
- A: ABAB
- 453 Q: Where is it? - As much as the world is horrified by Russia's invasion of Ukraine, there are nonetheless reports of long lines of recruits for Russia's army in Addis Ababa in 2022. High pay for soldiers is the reason for the turnout. Addis Ababa is the capital of what country?
- A: Ethiopia
- 454 Q: Wars - For America, what war formally began on 6 April 1917?
- A: World War I
- 455 Q: Mountains - Makalu, the world's fourth-highest mountain, is in what mountain range?
- A: Himalayas
- 456 Q: Dystopian Novels - What novel ends with Winston Smith succumbing to the menace of the all-seeing totalitarian state, rejecting Julia, and loving Big Brother?
- A: 1984
- 457 Q: Place Names - While Harlem with one "a" is a district of Manhattan, Haarlem with two "a's" is a city in what European country?
- A: Netherlands (Holland)
- 458 Q: Executive Departments - What cabinet level department makes paper money and coins, collects taxes, and controls banks?
- A: Department of the Treasury
- 459 Q: Algebra - If $x - y = 9$, what is $y - x$?
- A: -9
- 460 Q: Art Fundamentals - What is created by using opposites near or next to one another, such as a light object next to a dark one or a rough texture next to a smooth one?
- A: contrast

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- 461 Q: Nouns - What type of nouns are illustrated by words like honesty, hope, truth, beauty, and honor?
A: abstract
- 462 Q: Pronouns - For what person are the singular and plural possessive pronouns identical?
A: second person
- 463 Q: Caribbean Quotes - What Caribbean leader said this in 1961?
I am a Marxist-Leninist and I will be one
until the last day of my life.
A: Fidel Castro
- 464 Q: Exponents - Expressed as a fraction, what is the quotient when you divide 1 by -5 squared?
A: $1/25$
- 465 Q: Taxonomic Zoology - Tetrapods with hair and mammary glands belong to what vertebrate class?
A: Mammalia (mammals)
- 466 Q: Seawater - How does the buoyancy of water in the Dead Sea compare to that of water in the Mediterranean?
A: It is more buoyant.
- 467 Q: Deep Sleep - Name the abnormally deep stupor occurring as a result of illness or injury.
A: coma
- 468 Q: Quantity Comparisons - What can be said of two quantities if an increase in one results in a proportional decrease in the other?
A: They are inversely proportional.
- 469 Q: Equations - Solve this for the unknown.
 $(8x)/18 = 26$
A: 58.5
- 470 Q: Pronouns - The last word in this quote from FDR is what type of pronoun?
The only thing we have to fear is fear itself.
A: reflexive
- 471 Q: Spiders - What large hairy spiders belong to the family, Theraphosidae?
A: tarantulas
- 472 Q: Alphabet Shapes - What is the next letter after "t" in the alphabet with a descender?
A: y
- 473 Q: Latin American Countries - Nearly half of the entire population of what South American French overseas department lives in the urban area around its capital city of Cayenne?
A: French Guiana

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474 Q: Forest Dwellers - What forest was a temporary home for the legendary Maid Marian?

A: Sherwood Forest

475 Q: Corporate Groups - In a corporation, what group usually has these duties?

- approval of the annual budget
- responsibility to the shareholders for the corporation's performance
- determining compensation for managers
- reviewing the performance of the chief executive

A: board of directors

476 Q: Expressions - Someone who routinely stay up late into the night is referred to as what kind of bird?

A: night owl

477 Q: Paper Predecessors - During the ancient Roman period, parchment made from sheepskin became the standard writing surface, replacing what other material made from a tall aquatic sedge?

A: papyrus

478 Q: Invasions - Name the largest island invaded by the Saxons and the Angles after the fall of the Roman Empire.

A: Great Britain

479 Q: Materials Science - Reminiscent of physical or mental weariness resulting from prolonged exertion, what is the term for the weakening of a material that is subjected to repeated loading and unloading?

A: fatigue

480 Q: Successful Species - Today, what class of arthropods make up over three-fourths of all living species of animal organisms?

A: Insecta (insects)

481 Q: Toxic Toads - What toad that produces a deadly toxin was introduced to Australia in 1935 and has since become a devastating pest that competes with native insectivores?

A: cane toad

482 Q: Fire Safety Acronyms - In relation to a fire, the acronym "RACE" stands for rescue, alarm, contain, and what?

A: extinguish

483 Q: Song Lyrics - This verse is from what song?

The other night, dear, as I lay sleeping
I dreamt I held you in my arms
When I awoke, dear, I was mistaken
So I hung my head, and I cried.

A: You Are My Sunshine

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484 Q: Settings - In what country are these books set?

- Homage to Catalonia
- South from Granada
- The Sun Also Rises
- Tales of the Alhambra

A: Spain

485 Q: Blood Types - Considering alphabetical order, what is the last letter of the alphabet used in naming the four main blood types?

A: O

486 Q: Travel Problems - Two guys start at 7 a.m. from the same place, heading in opposite directions at speeds of 36 and 48 mph respectively. Expressed as a mixed number, they will be 600 miles apart in how many hours?

A: 7 $\frac{1}{7}$

487 Q: Novels - This is from the introduction of the first chapter of what book?

The author giveth some account of himself
and his family; his first inducements to travel.
He is shipwrecked and swims for his life; gets
safe on the shore in the country of Lilliput.

A: Gulliver's Travels

488 Q: Europeans - These are famous people from what country?

Baruch Spinoza, Hieronymus Bosch,
Peter Stuyvesant, Abel Tasman,
Rembrandt van Rijn, Frans Hals

A: Netherlands (Holland)

489 Q: Disorders - What organ is directly affected by supraventricular tachycardia, atrial arrhythmia, endocarditis, and murmurs?

A: heart

490 Q: Business - Measured by subtracting current liabilities from assets, the amount of liquid assets available to finance a company's operations and growth is known as what kind of capital?

A: working (operational) capital

491 Q: Attacks - On April 12, 1861, the Confederates under General Beauregard began a cannon bombardment that would last for 34 straight hours on what fort in South Carolina's Charleston Harbor?

A: Fort Sumter

492 Q: Sentence Subjects - What is the simple subject of this sentence?

There are many conflicting views about
the values of modern teenagers.

A: views

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- 493 Q: Eastern Europe - Name the largest body of water contiguous with the southernmost Eastern European country.
- A: Mediterranean Sea
- 494 Q: U.S Geography - Name Alaska's second-largest city - the largest and coldest in the interior of the state and a great place to see the aurora borealis.
- A: Fairbanks
- 495 Q: River Regions - What is the general name for the land on both sides of the Rhine River in western Germany?
- A: Rhineland
- 496 Q: Stepping Down - "I shall not be a candidate for reelection." Who said these words in March 1952, announcing that he would not run for the Presidency in that year although he could have despite the passing of the 22nd Amendment?
- A: (Harry) Truman
- 497 Q: U.S. Streets - In what Pennsylvania city would you find Cocoa Avenue and Chocolate Lane?
- A: Hershey
- 498 Q: Cells - Egg cells are formed by what female reproductive organs?
- A: ovaries
- 499 Q: Ancient Roads - Named for a commodity and actually a network of interlinking trade routes, what ancient road connected western Europe and the Mediterranean region to northern and eastern Africa as well as to the Arabian Peninsula, Iran, Afghanistan, Pakistan, India, Burma, Vietnam, and China?
- A: Silk road
- 500 Q: Coin Algebra - What is the formula for the number of nickels (n) in q quarters and d dimes?
- A: $n = 5q + 2d$
- 501 Q: Ocean Zones - The hadal zone is mostly restricted to very deep waters within long, steep-sided valleys on the ocean floor called what?
- A: trenches
- 502 Q: Clauses - What is the dependent clause in this example?
I wear my boots as I please inside and out.
- A: as I please
- 503 Q: Making Up Words - Which famous psychologist coined the terms "introvert" and "extrovert"?
- A: (Carl) Jung

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- 504 Q: Fearsome Folks - This is about whom?
With his fearsome appearance, he is often credited with the creation of the stereotypical image of a pirate.
- A: Blackbeard (Edward Teach)
- 505 Q: Oaths - A witness in a court proceeding routinely swears to tell the truth, nothing but the truth, and what else?
- A: the whole truth
- 506 Q: Confucius - What two-word phrase completes this advice from Confucius?
Do not do unto others what you would not wish done ...
- A: unto you (to you)
- 507 Q: A Nation - What country with a three-word name is due north of Australia's northernmost point?
- A: Papua New Guinea
- 508 Q: Tunnel Vision - What is the scientific name for a hypothetical tunnel connecting different regions of space and time ?
- A: wormhole
- 509 Q: Medieval Professions - What was the name for the medieval artisans whose job it was to copy books and sacred texts?
- A: scribes
- 510 Q: Biological Root Words - Complete this analogy.
Different is to hetero as similar is to ...
- A: homeo (homo)
- 511 Q: Quadrilateral Algebra - The area of a rectangle is 44 square inches. If the length is 3 inches more than twice the width, what is the length?
- A: 11 inches
- 512 Q: Battles - The navies of what two countries opposed each other in the Battle of Leyte Gulf?
- A: U.S., Japan
- 513 Q: Triangle Angles - If the angles in a triangle are in the ratio of 2 to 3 to 4, what is the product of the largest and smallest angles?
- A: 3200
- 514 Q: Expressions - What cliché meaning to change one's opinion comes from the American military command to turn 180 degrees while marching?
- A: do an about face

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515 Q: Speech Sounds - What kind of "graphs" are illustrated in these examples?

"igh" as in sigh

"eau" as in beauty

"sch" as in school

A: trigraphs

516 Q: International Relations - Most of the members of the Commonwealth of Nations were formerly parts of what empire?

A: British Empire

517 Q: Number Portioning - If you divide 40 into two parts such that the larger part exceeds twice the smaller part by 52, what is the smaller part?

A: -4

518 Q: Desert Flora - What desert tree of the American Southwest is known for its exceptionally hard wood and is named after the element with the symbol, "Fe"?

A: ironwood

519 Q: And So it Goes - Which scientist was instrumental in promoting the scientific theory of evolution in Origin of Species and Descent of Man?

A: (Charles) Darwin

520 Q: Boost of Energy - One pellet of what nuclear fuel source produces as much energy as 1 ton of coal?

A: Uranium

521 Q: Nations of the North - What country at the juncture of the Arctic and North Atlantic oceans straddles the boundary between the Eurasian and North American plates?

A: Iceland

522 Q: Force - What's the general name for the slowing force that one solid object exerts on another, such as between a tire and a road?

A: Friction

523 Q: Ramp Geometry - If the hypotenuse of a ramp is 10 meters and the rise of the ramp is 4 meters, the length of the base equals the square root of what?

A: 84

524 Q: Rhetoric - What is the literary term for the kind of indication or suggestion illustrated in this passage from "The Lord of the Rings"?

Do not be too eager to deal out death in judgment. Even the very wise cannot see all ends. My heart tells me that Gollum has some part to play for good or ill before this is over.

A: foreshadowing

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- 525 Q: Smuggling - Samuel Slater emigrated to the U.S. and built a textile mill in Rhode Island based on designs for spinning and weaving machinery that he had memorized while working as an apprentice in what country?
- A: England (Great Britain)
- 526 Q: Digestive System - After leaving the gullet, food enters what organ?
- A: stomach
- 527 Q: Church Officials - Who held the title of Supreme Governor of the Church of England from 1952 through at least 2019?
- A: Queen Elizabeth II
- 528 Q: Verb Conjugation - Express in the past perfect tense the second person plural form of the verb "achieve."
- A: you had achieved
- 529 Q: Nation Histories - What European country had come under Etruscan, Greek, and Celtic influence before it was united about 280 B.C. under Roman rule?
- A: Italy
- 530 Q: Echoes - What unit is used to measure the strength of an echo?
- A: decibel
- 531 Q: Algebraic Percentages - 50% of what number is B?
- A: 2B
- 532 Q: Disorders - What organ is affected by subcorneal pustular dermatosis?
- A: eye
- 533 Q: Ancient Rome - "Pax Romana" means Roman what?
- A: peace
- 534 Q: Fluids - What is the term for any fluid with no upper surface?
- A: gas
- 535 Q: Military Leaders - What ancient Macedonian military leader carried out his father's plans and never lost a single battle while conquering Persia and Asia Minor?
- A: Alexander the Great
- 536 Q: Reproduction - Name the structure in which embryonic development takes place in reptiles.
- A: egg
- 537 Q: Planetary Comparisons - The escape velocity of what planet is nearest to that of Earth?
- A: Venus

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538 Q: Trilogies - Featuring Lyra Belacqua and Will Parry, "The Golden Compass," "The Subtle Knife," and "The Amber Spyglass" are the three books comprising a trilogy by Philip Pullman entitled "His Dark" what?

A: Materials

539 Q: Nebraska - What city in Nebraska was named for the 16th president of the United States?

A: Lincoln

540 Q: Verb Properties - Restate this line in the active voice.
Sixty anchovies were eaten by the auk.

A: The auk ate sixty anchovies.

541 Q: Algebraic Simplification - Simplify this expression.
 $(7x+3y+15z) + (2x+4y+z) - (x-2y+2z)$

A: $8x+9y+14z$

542 Q: Shared Names - Smaller than a frigate, what kind of small, maneuverable, lightly armed warship has the same name as a sports car first manufactured by Chevrolet in 1953?

A: corvette

543 Q: Ideologies - This is about what country?
The Golden Temple was built in Amritsar as a spiritual center for the new Sikh religion that had developed in the Punjab.

A: India

544 Q: Algebraic Simplification - Simplify 8 times x to the third power divided by 2 times x to the negative third power.

A: 4 times x to the 6th power

545 Q: Poetic History - What name completes this poem?
In the hour of darkness and peril and need,
The people will awaken and listen to hear
The hurrying hoof-beats of that steed,
And the midnight message of ...

A: Paul Revere

546 Q: Diseases - The capacity of erythrocytes to carry what is reduced by sickle cell anemia?

A: oxygen

547 Q: Music Vocabulary - Reminiscent of a male bee, what is the term for a sustained single sound in music?

A: drone

548 Q: Tides - For a particular region, the measured difference between high and low tide defines the tidal what?

A: range

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- 549 Q: Monarchies - While Spain and France had absolute monarchies in the 17th century, what kind of monarchy did Britain have?
- A: limited (constitutional)
- 550 Q: Speed - The speed of an object in a fluid divided by the speed of sound in that fluid is called what number?
- A: Mach number
- 551 Q: Ratio Problems - What two numbers are in the ratio of 5 to 3 if three times the smaller equals the larger increased by 20?
- A: 25, 15
- 552 Q: Circumference - In terms of pi, what is the circumference of a crop circle with an area of 100 pi square meters?
- A: 20 pi
- 553 Q: The Business World - In June of 2022, Elon Musk sent an email to employees of which of his businesses in an effort to stop people continuing to work from home. "Everyone is required to spend a minimum of 40 hours in the office per week, if you don't show up, we will assume you have resigned."?
- A: Tesla
- 554 Q: City Etymology - The name of what Pennsylvania city is based on the Greek words for "love" and "brother"?
- A: Philadelphia
- 555 Q: Geometry - What is a set of points which is the union of two rays having the same end-point?
- A: an angle
- 556 Q: Heads of State - With what country are these names associated?
Hassan Rouhani
Mohammad Khatami
Ayatollah Khomeini
Mohammed Reza Pahlavi
- A: Iran
- 557 Q: The Ocean Floor - A lengthy depression in the sea floor caused by the subduction of one plate under another is called an oceanic what?
- A: trench
- 558 Q: Minerals - The only two minerals that are naturally magnetized are pyrrhotite and what other?
- A: lodestone (magnetite)
- 559 Q: Body Systems - What is a synonym for the alimentary system?
- A: digestive system

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- 560 Q: Inventions - Joseph Priestley referred to what invention in these words?
I have made a glass of exceedingly pleasant
sparkling water which could hardly be
distinguished from very good Pymont.
- A: carbonated water
- 561 Q: Namesakes - The decibel was named after what Scottish-born American scientist and inventor?
- A: Alexander Graham Bell
- 562 Q: Exponential Notation - What decimal number is indicated by $5.66e-7$?
- A: .000000566
- 563 Q: Wheel Problems - If the diameter of a certain wheel is 2.3 meters, to the nearest tenth, how many meters will it cover in making 20 revolutions?
- A: 144.4
- 564 Q: Drainages - Into what body of water does the runoff from the eastern slope of the Great Dividing Range flow?
- A: Pacific Ocean (or Tasman Sea)
- 565 Q: Special Liquids - What is the name for a liquid capable of dissolving a solid, liquid, or gaseous solute, resulting in a solution?
- A: solvent
- 566 Q: Christmas Geography - The name of what Christmas carol comes from a municipality in Israel southeast of Jerusalem?
- A: O Little Town of Bethlehem
- 567 Q: Lines - Name the line that cuts a line segment into two equal parts at 90 degrees.
- A: perpendicular bisector
- 568 Q: Warning Signs - In 1980, more than 170 earthquakes registering 2.6 or greater on the Richter scale were recorded in the two days prior to the spectacular eruption of what American volcano?
- A: Mt. St. Helens
- 569 Q: Equations - Solve this equation.
 $-5x + 20 = 25$
- A: -1
- 570 Q: Writing Errors - This line illustrates what writing error?
The piper played some tunes someone had
taught them to him long ago.
- A: run-on sentence

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- 571 Q: Jefferson - What word is missing from this line by Thomas Jefferson?
The strongest reason for the people to retain
the right to keep and bear ---- is, as a last
resort, to protect themselves against tyranny
in government.
- A: arms (guns, weapons)
- 572 Q: Transparency - Ozone is almost opaque to what kind of light?
- A: ultraviolet light
- 573 Q: Home Stadium - What is the name of the home stadium of the Houston Astros?
- A: Minute Maid Park
- 574 Q: Light - Name the light with a wavelength too long to be x-rays but just short enough to not be visible to the human eye.
- A: ultraviolet light
- 575 Q: Local Officials - What title is shared by judges in Scotland, bailiffs in Australia, and the chief law enforcement officers in many U.S. counties?
- A: sheriff
- 576 Q: Equipment - What kind of device that puts an object or substance in revolution around a fixed axis is used to separate components in blood, enrich uranium, enable pilots to experience the effects of high acceleration, and dry clothes?
- A: centrifuge
- 577 Q: Streams - What are sinuous, serpentine stream channels called?
- A: meanders
- 578 Q: Commanders - Lord Nelson, who defeated Napoleon at the Battle of Trafalgar in 1815, had only one arm and one what?
- A: eye
- 579 Q: Ratio Problems - The ratio of ducks to geese on a pond is 7 to 3. If the difference between the number of ducks and geese is 20, what is the total number of birds on the pond?
- A: 50
- 580 Q: Newspapers - What two newspapermen had the most to gain by encouraging armed conflict between the U.S. and Spain in 1898?
- A: Hearst, Pulitzer
- 581 Q: Elemental Etymology - The term lithium is derived from the Greek word "lithos" which means what?
- A: stone

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- 582 Q: Animal Young - What is the term for a group of baby birds hatched at the same time and cared for by the same mother?
- A: brood
- 583 Q: Remedies - What is the term for an agent, remedy, or treatment that mitigates the effects of a poison or toxin?
- A: antidote (antitoxin)
- 584 Q: Disasters - When the Titanic sank, a disproportionate number of men were left aboard because of what protocol for loading lifeboats?
- A: women and children first
- 585 Q: Planets - Name the second brightest planet.
- A: Jupiter
- 586 Q: Greek History - What kind of trees first planted in Crete around 1500 B.C. produced a principal product of the Minoan civilization?
- A: olive
- 587 Q: Mathematical Properties - What mathematical property is illustrated in this?
 $277 + 0 = 277$
- A: identity
- 588 Q: Liquids - What phenomenon causes plain water to roll off greasy surfaces and drops of liquids to form into spheres?
- A: surface tension
- 589 Q: Real Estate Deals - Name the easternmost state whose area was augmented by the Gadsden Purchase.
- A: New Mexico
- 590 Q: Etymology - What adjective meaning "adapted for grasping" was derived from the Latin word "prehendere"?
- A: prehensile
- 591 Q: Explorers - In 1871, who found David Livingstone near Lake Tanganyika?
- A: Henry Stanley
- 592 Q: Constitutional Signatories - What future president signed the U.S. Constitution with the title, President and Deputy from Virginia?
- A: George Washington
- 593 Q: Summer Afternoons - It was a drowsy, summer Saturday afternoon in June of 1950 in the U.S.A. when what Asian country was invaded from the north?
- A: South Korea

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594 Q: Reasoning - This argument illustrates what form of reasoning?

I am a nobody.

Nobody's perfect.

Therefore, I am perfect.

A: syllogism (deductive)

595 Q: Valuable Cards - What's the only brand of baseball cards marketed continuously since 1957?

A: Topps

596 Q: Inflammations - Name the inflammation of the delicate, light-sensitive membrane that lines the inner eyeball.

A: retinitis

597 Q: Parts of Speech - As what part of speech is "each" used in this quip?

Do you want to go someplace

where we can each be alone?

A: pronoun

598 Q: Airports - In what country is the Kilimanjaro International Airport?

A: Tanzania

599 Q: U.S. Presidents - These things occurred during whose presidency?

OPEC's oil embargo

Iran hostage crisis

Camp David Accords

boycott of Moscow Olympics

A: Jimmy Carter

600 Q: Architects - Who was the architect of the Monticello mansion in Virginia?

A: Thomas Jefferson

601 Q: In Other Words - "It is well to be not on time than to not be present" is what common saying?

A: Better late than never

602 Q: Verbs - What phrasal verb especially used in rugby and American football means "to start" or "to begin"?

A: kick off

603 Q: Sunspots - About how many years are in one sunspot cycle?

A: 11

604 Q: Idioms - Complete this idiom about a task done just well enough to meet the minimum standards required by a federal contract.

good enough for ...

A: government work

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605 Q: Correspondence - What is the most frequently used complimentary closing in a business letter?

A: sincerely

606 Q: Rhetoric - What is illustrated in this line?
A rolling stone is worth two in the bush.

A: mixed metaphor

607 Q: Visual Disorders - What is the common, collective name for these visual disorders?
rod monochromacy, cone monochromacy,
dichromacy, anomalous trichromacy,
cone-rod dystrophy, blue-cone monochromatism

A: color blindness

608 Q: Ancient Government - These were magistrates in what ancient civilization?
consuls, praetors, quaestors, censors,
prefects, lictors, tribunes

A: Rome

609 Q: Invertebrate Anatomy - A group of up to ten similar segments behind the thorax of a crustacean makes up what region of its body?

A: abdomen

610 Q: Phrases - What is the function of the gerund phase in this example?
Underestimating your opponent's strengths
can be hazardous to your win-loss record.

A: subject

611 Q: Numbers - What is the only positive number that is twice the sum of its digits?

A: 18

612 Q: Ancient Structures - These were in what ancient civilization?
Temple of Amon at Luxor
Temple of Aten at Karnak

A: Egypt

613 Q: Landings - In 1898, a force of 647 U.S. Marines landed at Guantanamo Bay on what island?

A: Cuba

614 Q: Energy - In the 1960s, the largest oil reserve north of the Mexican border was discovered in a region of Alaska called the North what?

A: Slope

615 Q: Snow - The snowbelts of western New York, northwestern Pennsylvania, and northeastern Ohio are the result of cold air moving across expanses of warmer lake water. Name this kind of snow.

A: lake-effect snow

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616 Q: Investment - What kind of interest is paid only on the original amount invested, but not on any of the interest accrued over time?

A: simple interest

617 Q: Anatomical Passages - These are parts of what canal in the body?
mouth, esophagus, stomach,
small intestine, large intestine

A: alimentary canal

618 Q: Algebraic Inequalities - Solve this inequality.
 $2x + 5 < 7$

A: $x < 1$

619 Q: Ecology - Ecologically speaking, what adjective describes substances such as food scraps, cotton, and animal waste that can be readily decomposed by microorganisms?

A: biodegradable

620 Q: Asian Nations - The three great river systems of what country include the Brahmaputra, the Indus, and the Ganges?

A: India

621 Q: Hazards of a Warming Planet - 400 feet deep, a mile long, and growing, this enormous slump in Siberian permafrost continues to release what organic, flammable, greenhouse gas into the atmosphere?

A: methane

622 Q: Consecutive Integers - If the average of five consecutive integers is x , what is the smallest integer?

A: $x - 2$

623 Q: Musical Prefixes - What Italian term with a prefix meaning "half" or "medium" indicates a woman's voice between soprano and contralto?

A: mezzo-soprano

624 Q: Misused Words - What word should be used in this line?
The Syrians emigrated into the Netherlands.

A: immigrated

625 Q: Weapons - Greek fire, a weapon developed in the 7th century, was an early predecessor of what modern weapon?

A: flamethrower (napalm)

626 Q: African Valleys - What valley at Thebes is a dry watercourse on the west bank of the Nile and the burial place of Egyptian rulers from 1567 B.C. to 1085 B.C.?

A: Valley of the Kings

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627 Q: Inequalities - If $3x - 2$ is greater than 16, then x must be greater than what?

A: 6

628 Q: Aviation History - Louis XVI and Marie Antoinette were among the astonished spectators who watched the world's first hot-air balloon built by the Montgolfier brothers carry a sheep, rooster, and duck aloft over what city in 1783?

A: Paris

629 Q: Finance Charges - If the APR on your credit card is 18%, then what is the monthly interest charge on the unpaid balance?

A: 1.5%

630 Q: Scientific Notation - Express this number in scientific notation.
0.000424

A: 4.24×10 to the -4th

631 Q: Coastal Landforms - Areas of relatively flat, low land adjacent to a coast such as those found along the northern part of the Gulf of Mexico are called coastal what?

A: plains

632 Q: Battles - At the Battle of Chalons in 451, the Visigoths and Romans united to turn back what other people led by Attila?

A: Huns

633 Q: Science Talk - "Periodic" describes an event occurring at regular intervals. What is the noun form of this term?

A: periodicity

634 Q: Explorers - What continent was explored by George Bass, Edward Eyre, Robert Burke, Matthew Flinders, John Forrest, Charles Sturt, and John Oxley?

A: Australia

635 Q: Bunnies - What is the term for a group of rabbit burrows?

A: warren

636 Q: Plays - Who is the teacher in William Gibson's play, "The Miracle Worker"?

A: Anne Sullivan

637 Q: Circles - How many circles can pass through three points not in a straight line?

A: 1

638 Q: American Colonization - The Dutch West India Company established a colony in America called New what?

A: Netherland

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- 639 Q: Art Forms - To create their works of art, what kind of artist regularly uses assembly, modeling, welding, and carving?
- A: sculptor
- 640 Q: Loanwords - These words came into the English language from what continent?
budgerigar, jarrah, quandong, kookaburra,
kurrajong, wallaroo, wallaby, dingo
- A: Australia
- 641 Q: Aborted Invasions - Although they were never used, the Germans prepared detailed plans during the Second World War to invade what mountainous, landlocked, traditionally neutral European country?
- A: Switzerland
- 642 Q: Syllabication - How many syllables are in the slogan that is ubiquitous in George Orwell's novel, "1984"?
- A: 7
- 643 Q: Skeletal System - Four fused rudimentary vertebrae form what part of the spinal column?
- A: coccyx
- 644 Q: The Earth - Which sphere of the Earth includes the continents and the sea floor?
- A: lithosphere
- 645 Q: Revolutions - What country suppressed a Hungarian counterrevolutionary uprising in 1956?
- A: Soviet Union (U.S.S.R.)
- 646 Q: Poetry Sequences - What comes next in this sequence of poetry stanzas?
septet, sextain, quintain, quatrain, tercet ...
- A: couplet
- 647 Q: Is It Worth Reading? - What kind of article could say, "This book is compelling and brilliantly written."
- A: Book review
- 648 Q: Idioms - When someone is faced with a choice between two undesirable or risky alternatives, he is said to be between the deep blue sea and what else?
- A: the devil
- 649 Q: Trips Abroad - The first official trip abroad by a U.S. president occurred when Theodore Roosevelt departed to inspect progress on what massive construction project in Latin America?
- A: Panama Canal
- 650 Q: Executive Powers - Thanks to legislation he signed, what 18th-century U.S. president was authorized to order any alien from the country and imprison any alien in time of war?
- A: John Adams

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651 Q: Depth Measurement - An instrument consisting of a transmitter that emits ultrasonic pulses and a receiver that detects the reflection of these pulses is what kind of sounder?

A: echo sounder (sonar)

652 Q: Heat Transfer - What form of heat transfer involves the emission of electromagnetic waves that carry energy away from the emitting object?

A: radiation

653 Q: Animal Organ Systems - Scales, feathers, and hair are parts of which body system?

A: integumentary system

654 Q: Apes - Name the largest and most powerful ape.

A: gorilla

655 Q: Musical Instruments - What is another name for a mouth organ?

A: harmonica (panpipe)

656 Q: Courts - Every state has a judicial appeals system. Except in Maryland and New York where that court is the Court of Appeals, the highest court in every other state is called the state what?

A: supreme court

657 Q: Matter - It is defined as a homogeneous substance composed of two or more chemical elements, the proportions of which are fixed and invariable by weight. What is it?

A: a compound

658 Q: Ancient Geography - What modern country occupies most of the region of ancient Mesopotamia?

A: Iraq

659 Q: Participles - What is the past participle of the verb whose present participle is "spreading"?

A: spread

660 Q: Solutions - What chemical reaction occurs when a solvent dissolves in a solution?

A: none

661 Q: Offenses - Igor rented an apartment last month, and today he finds the landlord has installed video cameras throughout the apartment to videotape anything going on there. This offense is called invasion of what?

A: privacy

662 Q: Wars - In 1756, the Seven Years' War officially began when England declared war on what continental European country?

A: France

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663 Q: Phrases - The infinitive phrase in this example functions as what part of speech?

I'm on the lookout for a sure-fire way
to survive her speeches.

A: adjective

664 Q: Clauses - As what part of speech is the subordinate clause used in this example?

Hal, which had 28 million transistors, said,
"Hello, Dave."

A: adjective

665 Q: Exercise - What calisthenic exercises are similar to sit-ups but involve only repeated shorter movements of the abdominals?

A: crunches

666 Q: Historical Cities - What European city that was the setting for the musical, "Cabaret," is the home of the Brandenburg Gate, was the site of the Olympics in 1936, and was blockaded by the Soviet Union in 1948?

A: Berlin

667 Q: Engines - This describes what kind of engine?

The piston moves up and compresses the air
to heat it to a high temperature. The fuel
oil is then injected into the hot air where it
ignites without the need for a spark plug,
driving the piston down on its power stroke.

A: diesel engine

668 Q: Seasons - Name both equinoxes.

A: vernal, autumnal

669 Q: Spoonerisms - Turn "bird watcher" into a spoonerism.

A: word botcher

670 Q: Words to Live By - What part of speech is the last word in this quote by Mark Twain?

Let us endeavor so to live that when we come
to die even the undertaker will be sorry.

A: adjective

671 Q: Rebellions - In 1900, the Boxer Rebellion broke out in what Asian country?

A: China

672 Q: Liquids - Pour a concentrated copper sulfate solution into a glass cylinder. Float a cork on that blue solution and carefully pour water on top of it so that two distinct layers of the liquids are formed. After a few days, the layers become less distinct and the clear water above becomes slightly blue. This illustrates what process?

A: diffusion

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673 Q: Polygons - What kind of polygon is not convex?

A: concave polygon

674 Q: Verbs - The meaning of what kind of verb is incomplete without a direct object?

A: transitive verb

675 Q: Triangles - What kind of triangle includes two 60 degree angles?

A: equilateral (equiangular)

676 Q: British Legislation - In 1928, British women received what right as a result of the Equal Franchise Bill?

A: the right to vote

677 Q: Metropolitan Protests - In 2007, in protest against the ruling junta, several thousand Buddhist monks marched through the streets of Rangoon and Mandalay in what country?

A: Burma (Myanmar)

678 Q: Agricultural Equipment - What is the abbreviation for the powered shaft extending from the rear of the tractor and driven by the tractor motor that supplies power to a trailing machine such as a combine, hay baler, or mower?

A: PTO

679 Q: Missing Words - Since this is not an example of ellipsis, what adjective is missing in this statement?

The new member plays the blues
better than anyone in the band.

A: else

680 Q: Ocean Landforms - What is the common name for a zone of sediment that accumulates between the average low-water ocean level and a landward change in topography?

A: beach

681 Q: Crime - Ned helped Fred kidnap Ed's son, Jed. What is the term for Ned, in this case, or any partner in the commission of a crime?

A: accomplice

682 Q: Rectangles - The perimeter of a rectangle is 224 meters. Its length is 4 meters less than three times the width. What are the rectangle's dimensions?

A: 83 by 29 meters

683 Q: Artists - With what art form are these names associated?

Frederic Bartholdi
Giovanni Bernini
Gutzon Borglum
Auguste Rodin

A: sculpture

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684 Q: Drug Addiction - Mordecai is addicted to crack cocaine. He sought help in a clinic where he was deprived of the drug, resulting in what group of symptoms?

A: withdrawal

685 Q: Energy - Elastic energy, such as that in a stretched rubber band, is an example of what larger category of energy?

A: potential energy

686 Q: Imperialism - What European power colonized the region that includes Vietnam, Cambodia, and Laos?

A: France

687 Q: Force - What kind of force is exerted by an object trying to return to its natural length?

A: elastic force

688 Q: Signatories - These were among the 51 charter members of what organization established in 1945?

Egypt, Norway, Uruguay, Ethiopia, France,
Greece, India, Iraq, Mexico, Syria

A: United Nations

689 Q: Physiology - What consists of a plug of platelets enmeshed in a network of insoluble fibrin?

A: blood clot

690 Q: Historic Sites - These comments by Ulysses Grant were about what historic Civil War site?

What General Lee's feelings were I do not know.
I felt like anything rather than rejoicing at the
downfall of a foe who had fought so long and
valiantly. He was dressed in a full uniform
while I was in a rough traveling suit.

A: Appomattox

691 Q: Nonsense Poetry that Makes Sense - What poem by Lewis Carroll that uses words he created begins, "Twas brillig, and the slithy toves did gyre and gimble in the wabe."?

A: Jabberwocky

692 Q: Earth's Atmosphere - What layer of the Earth's atmosphere is immediately below the tropopause?

A: troposphere

693 Q: Sentence Analysis - What is the infinitive phrase in this example?

The Puritan's sense of religious superiority
made them feel justified in using any means
necessary to accomplish this goal.

A: to accomplish this goal

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- 694 Q: The Gap - What is the junction, actually a microscopic gap, between two neighboring neurons called?
- A: synapse
- 695 Q: Life - What filamentous prokaryotic life form may be single-cellular or multi-cellular, and spherical, rod-shaped, or spiral-shaped?
- A: bacteria
- 696 Q: The Stage - The two sides of a stage, where cast members, unseen by the audience, wait to make their entrance, are called what?
- A: Wings
- 697 Q: Wind - The prevailing winds of the polar region are easterlies while the prevailing winds of the middle latitudes are what?
- A: westerlies
- 698 Q: Aerospace Commands - In the event of equipment failure, the person in charge of a missile launch generally gives what command to terminate the launch?
- A: abort
- 699 Q: Government Agencies - What U.S. government agency is responsible for topographic mapping?
- A: USGS (United States Geological Survey)
- 700 Q: Prepositions - What preposition usually follows these words?
furious
content
annoyed
angry
pleased
disappointed
- A: with
- 701 Q: Lesions - Where may all these kinds of lesions occur?
papules, wheals, patches, pustules,
fissures, bullas, ulcers, cysts
- A: on the skin
- 702 Q: The Stone Age - What cultural period of the Stone Age occurred between the Paleolithic and Neolithic ages?
- A: Mesolithic
- 703 Q: Novels - Bessie Head's novel, "When Rain Clouds Gather," is about Mahkaya's escape from what African country into Botswana?
- A: South Africa

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- 704 Q: Local Officials - What city or county official has the authority to order an inquest when the cause of a death is uncertain?
- A: coroner (medical examiner)
- 705 Q: Aviation Speed - If Mach 2 is 1,500 miles per hour, Mach 2.5 is about how many miles per hour?
- A: 1875 mph
- 706 Q: Square Root - For all nonnegative numbers A and B, the square root of the quantity A times B equals the square root of A times what?
- A: the square root of B
- 707 Q: Emperors - This is about what emperor?
He found little sympathy with his new lands in Mexico, relied entirely on French support for his authority, and was expelled from the throne and killed in 1867.
- A: Maximilian
- 708 Q: Punctuation - What punctuation mark is used for intentional omission of a word or words that the reader will generally know?
- A: Ellipsis (...)
- 709 Q: Inequalities - Restate this sentence as an inequality.
The cost is no less than 50 rubles.
- A: X is greater than or equal to 50 rubles.
- 710 Q: Ice - What is the term for an enormous slab of sea ice sometimes measuring several miles across and usually consisting of many smaller ice chunks frozen together?
- A: floe
- 711 Q: Weapons - What letter of the alphabet is associated with the first bomb mentioned in this account?
In 1952, the U.S. tested another bomb, 250 times more powerful than the A-bomb dropped on Hiroshima.
- A: H
- 712 Q: Defeats - The military of what country overwhelmed American forces on the Bataan Peninsula?
- A: Japan
- 713 Q: Number Problems - The difference between two numbers is 15, and one of them is four times the other. What is the larger number?
- A: 20

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- 714 Q: Amendments - Which constitutional amendment states that the government cannot take a person's private property without paying a fair price for it.
- A: 5th Amendment
- 715 Q: Freedom Fighters - The remarkable commander of the Argentine army who was destined to become the liberator of Chile and Peru was Jose de who?
- A: San Martin
- 716 Q: Aerial Math - For bikers, boarders, skiers, and skaters, how many complete turns are in a ten-eighty?
- A: 3
- 717 Q: Consecutive Integers - What is the product of three consecutive integers if their sum is 192?
- A: 262080
- 718 Q: Hot Spots - A hot spot is a volcanic area on the surface of the Earth created by a rising plume of what?
- A: magma
- 719 Q: Fluid Mechanics - What happens to an object placed in a fluid if its density is greater than that of the fluid?
- A: It sinks.
- 720 Q: Line of Centers - If the line of centers of 2 circles is 14 centimeters and their radii are 2 and 9 centimeters, the circles are separated by how many centimeters?
- A: 3
- 721 Q: Sentence Structure - Every sentence structure is based on one of three ways of arranging clauses including letting an independent clause stand alone, combining independent clauses, and adding what kind of clauses?
- A: subordinate (dependent)
- 722 Q: Presidents - Gerald Ford was the 38th president. What ordinal number corresponds to the presidency of John Kennedy?
- A: 35th
- 723 Q: Logical - What common programming control structure consists of a conditional statement, often followed by a "then"?
- A: If (statement)
- 724 Q: City Namesakes - What New Zealand city was named after Arthur Wellesley, the victor at the Battle of Waterloo?
- A: Wellington
- 725 Q: Headline Allusions - This newspaper headline incorporates an allusion from what sport?
Speaker Jim Wright Throws in the Towel.
- A: boxing

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726 Q: Laws and Geography - The 1787 Northwest Ordinance contained laws concerning the region among two rivers and a series of lakes. Name all three.

A: Ohio River, Mississippi River, Great Lakes

727 Q: The Daily Grind - Earthworms and birds have what muscular organs for grinding their food?

A: gizzards

728 Q: Baltic States - Which of the three Baltic States lies closest to Finland?

A: Estonia

729 Q: Populations - With about .03 people per square kilometer, what autonomous constituent island country of the Kingdom of Denmark is the world's least-densely populated country?

A: Greenland

730 Q: Sensation - What sense modality is subject to olfactory hallucinations?

A: smell

731 Q: Expeditions - In 1947, the Kon-Tiki sailed across what body of water?

A: Pacific Ocean

732 Q: Traditions - What U.S. state annually celebrates Prince Jonah Kuhio Kalaniana'ole Day?

A: Hawaii

733 Q: Native Americans - Famous Shoshone people include Chief Pocatello, Chief Washakie, Chief Little Soldier, and what woman who accompanied the Lewis and Clark expedition?

A: Sacajawea

734 Q: The Rock Cycle - Through what geological process is limestone changed into marble?

A: metamorphism

735 Q: Making Blood Cells - The central cavities of bones are filled with a substance called what?

A: Marrow

736 Q: Coalitions - In what country was a coalition of right-wing political parties headed by Menachem Begin and Yitzhak Shamir?

A: Israel

737 Q: Landforms - In what country are these sites located?
Boknafjord, Eidfjord, Nordfjord, Oslofjord

A: Norway

738 Q: Articles - What category of articles must be used to point out a kind of object, but not any particular one, such as in this example?

He caught a fish so large that an entire football team would take a week to consume it.

A: indefinite article

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- 739 Q: Wave Phenomena - What phenomenon is illustrated by light changing direction when it enters a different medium or when sound passes from one medium to another or when water waves move into water of a different depth?
- A: refraction
- 740 Q: Piracy - Piracy flourished in the waters in or near the Caribbean largely because of the pirate seaports at such places as Port Royal in Jamaica, Tortuga near Haiti, and Nassau in what island group?
- A: Bahamas
- 741 Q: Grammatical Analogies - In regard to grammatical voice, "telling" is to active as "being told" is to what?
- A: passive
- 742 Q: Binomials - $A(X+Y)$ equals what?
- A: $AX + AY$
- 743 Q: Disasters - What natural disasters are directly associated with plate tectonics?
- A: earthquakes (tsunamis)
- 744 Q: Peninsulas - The Bataan Peninsula, the site of a major American defeat during the Second World War, is in what country?
- A: Philippines
- 745 Q: The Moon - The Moon is in which phase when it is 90 degrees eastward from the Sun?
- A: quarter (first quarter)
- 746 Q: Failed Colonies - Name the first English colony in the New World.
- A: Roanoke
- 747 Q: Precession - The precession or slight wobbling of the Earth on its axis is caused mainly by the gravitational pulls of what heavenly bodies?
- A: Moon, Sun
- 748 Q: Presidential Quotes - What word is missing twice in this statement by an American president?
The only thing we have to ---- is ---- itself.
- A: fear
- 749 Q: Territorial Expansion - Name the act by which a nation declares sovereignty over a territory formerly outside its borders.
- A: annexation
- 750 Q: World War II Prejudice - While German and Italian non-citizens were designated as enemy aliens during World War II, no group suffered the humiliation, loss of jobs and property, and confinement more than what group of American citizens?
- A: Japanese Americans

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751 Q: Colonial Exiles - In the 1750s, the Acadians of eastern Canada were sent into exile. Many ended up in Louisiana, where, through a contraction of their name, they became known as what?

A: Cajuns

752 Q: Deep Sea Diving Dangers - Divers who breathe compressed air for extended periods while submerged at great depth will saturate their body tissues with what dissolved gas?

A: nitrogen

753 Q: Caribbean Capitals - Name the two capital cities on the island of Hispaniola.

A: Port-au-Prince, Santo Domingo

754 Q: Exponent Problems - Evaluate $6^3 - 4^3 - 7^2$.

A: 103

755 Q: Insects - Flying insects may have how many total wings?

A: 2 or 4

756 Q: Radicals - What is the square root of 289?

A: 17

757 Q: Lavish Living - The 1968 newlyweds who reportedly spent some \$20 million during the first year of their marriage were Aristotle and Jacqueline who?

A: Onassis

758 Q: Astronomy - What is the 9th largest and the 10th most massive object orbiting our Sun?

A: Pluto

759 Q: Loans - You borrowed some cash and agreed to pay back 1.5 times the original amount plus \$60. If you paid the lender \$228, what was the original amount borrowed?

A: \$112

760 Q: Factors - What is the greatest common factor of 30 and 54?

A: 6

761 Q: Egg Reckoning - Luke ate thirty-five eggs on Saturday which were seven less than three times the number he consumed Tuesday. How many did he eat then?

A: 14

762 Q: Cones - Cones have how many planes of symmetry?

A: infinite

763 Q: Naval Engagements - What lake in the far north of New York was the scene of a costly naval victory by American General Benedict Arnold against a much larger British force in the French and Indian War?

A: Lake Champlain

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764 Q: Algebraic Ratios - Express this continued ratio in lowest terms.
15p to 10p to 5p

A: 3 to 2 to 1

765 Q: Biological Affixes - What is the meaning of the prefix in these words?
osteosarcoma, osteocyte, osteoplasty

A: bone

766 Q: Skeletal System - Since there are 52 bones in two human feet, this accounts for almost exactly what percentage of all the bones in an adult body?

A: 25%

767 Q: Grasses - The world's fastest-growing woody plants are what tropical grasses?

A: bamboo

768 Q: Momentous Decisions - Who made the decisions to drop the atomic bomb in 1945 and to intervene in Korea in 1950?

A: Harry Truman

769 Q: Psychological Disorders - What are false sensory experiences caused by drugs or mental disorders called?

A: hallucinations

770 Q: Grammatical Mood - What grammatical mood is used in the first sentence of the Gettysburg Address?

A: indicative mood

771 Q: Island Poems - This is from a poem about what island?

Oh, did you ne'er hear of the Blarney,
That's found near the banks of Killarney?
Believe it from me,
No girl's heart is free,
Once she hears the sweet sound of the
Blarney.

A: Ireland

772 Q: Time Zones - What country that according to its longitude range should span five time zones, by government decree has only one?

A: China

773 Q: Symmetry - With what type of animal symmetry are body parts arranged around a central axis like spokes around the hub of a wheel?

A: radial

774 Q: Earthquakes - The Messina earthquake of 1908 destroyed both Reggio di Calabria on the Italian mainland and the city of Messina on what Italian island?

A: Sicily

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775 Q: Regions - Bluegrass Country is a region in the central part of what state?

A: Kentucky

776 Q: Solid Volume - The volume of what Platonic solid can be calculated by raising the length of any edge to the third power?

A: cube (hexahedron)

777 Q: Italian Treat - This deep-fried pastry horn, filled with sweetened ricotta, chocolate, and candied fruit, is a specialty of Sicily. Name it.

A: Cannoli

778 Q: Preposition Choice - What preposition should follow "afflicted"?

A: with

779 Q: Mammals - What order of mammals includes gerbils, porcupines, beavers, chipmunks, guinea pigs, voles, squirrels, mice, and rats?

A: Rodentia (rodents)

780 Q: Engineers - Cayce, Kentucky, was the birthplace of what legendary American railroad engineer?

A: Casey (John Luther) Jones

781 Q: Ancient Science History - Your boss has asked you to determine the purity of gold in a statue. You are not allowed to harm the statue in any way. Name the ancient Greek who, because of his discovery, could help out in this situation.

A: Archimedes

782 Q: Geometric Postulates - If two angles and the included side of a triangle are identical to two angles and the included side of another triangle, what can be said about the two triangles?

A: They are congruent.

783 Q: Percentage Equations - What is Q if 30% of Q equals 24?

A: 80

784 Q: Primaries - What is the informal name for that day in February or March when the greatest number of U.S. states hold primary elections?

A: Super Tuesday

785 Q: Poor Hera - Hera called upon which goddess to make her more beautiful wanting to keep her husband Zeus from looking at other women?

A: Aphrodite

786 Q: Bodily Fluids - What substances produced in glands act as chemical messengers to control body functions such as growth, metabolism, and sexual development?

A: hormones

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787 Q: Insects - Whirligigs are what kind of insects?

A: beetles

788 Q: Equations - What is A if B equals 2 in this equation?

$$2B + 1 = 2A + 3(B + A)$$

A: -.2 (or -1/5)

789 Q: Alliances - In what ancient land did the Delian League and the Peloponnesian League develop?

A: Greece

790 Q: Polyhedrons - What polyhedron has half the number of faces as an icosahedron?

A: decahedron

791 Q: Fitness - What aspect of physical fitness is the ability to quickly change your body's position or perform power movements in rapid succession in opposing directions?

A: agility

792 Q: Evasion Idioms - Payments secretly made to a person without records to avoid taxation are made under the what?

A: table

793 Q: Boat Propulsion - The screw propeller replaced what earlier and very cumbersome form of mechanical boat propulsion?

A: paddle wheel

794 Q: Rethinking Time - Identify the industry that Charles Ferdinand Dowd persuaded to break the U.S. into four time zones, zigzagging from north to south in 1883.

A: Railroad industry

795 Q: Amendments - What part of the Bill of Rights relates to this statement made after John Peter Zenger was acquitted in 1735?

You have laid a noble foundation for securing that to which nature has given us a right - the liberty - both of exposing and opposing arbitrary power by speaking and writing truth.

A: 1st amendment

796 Q: Monuments - In what U.S. city is there a cenotaph with sculptures of such people as James B. Bonham, William Travis, Jim Bowie, and David Crockett?

A: San Antonio

797 Q: Settlers - In 1819, Moses Austin was granted a Spanish charter to settle 300 families in Texas. The colonization plan was actually carried out by his son. Name him.

A: Stephen Austin

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798 Q: Unusual Etymology - The name of the bear in A.A. Milne's beloved stories was inspired by the name of the capital city of Manitoba. What is that capital?

A: Winnipeg

799 Q: Binomial Multiplication - Multiply $(x + 3)(x + 4)$.

A: $x^2 + 7x + 12$

800 Q: Crime Myths - "Lunacy" was used instead of "insanity" because it was thought that certain people were somehow influenced to commit crimes or act in unacceptable ways by what?

A: the Moon

801 Q: Linear Equations - Solve this equation for the unknown.
 $-18 = 10 - 2(3-p)$

A: -11

802 Q: And So it Goes - Which scientist was instrumental in promoting the scientific theory of evolution in Origin of Species and Descent of Man?

A: (Charles) Darwin

803 Q: Probability on the Links - In your golf bag there are 7 Titleist, 9 Maxfli, and 4 Callaway golf balls. If you grab one randomly, in lowest terms, what is the probability that it is a Callaway?

A: $\frac{1}{5}$ (or 1 in 5, or .2)

804 Q: Astrology - Astrologists traditionally divide the ecliptic into twelve signs, each encompassing how many degrees of longitude?

A: 30

805 Q: Regions - The Grand Banks is known as the foggiest place on Earth. The reason is that in this region, the cold waters of the Labrador Current meet the warm waters of what other current?

A: Gulf Stream

806 Q: Military Incursions - In June of 1950, President Truman authorized General MacArthur to lead American ground forces on what peninsula?

A: Korean Peninsula

807 Q: Rolling Down the River - The river's source is the springs on Mt. Hermon. Most of its length lies below sea level, and it has no outlet to the sea. Along its way, it supplies water for one freshwater lake, but empties into a saltwater lake. Which river is it?

A: Jordan (River)

808 Q: City History - By what name is the U.S. city known today that was once called El Pueblo de Nuestra Senora la Reina de los Angeles del Rio Porciuncula?

A: Los Angeles

809 Q: Parks - Named after the strait connecting the Pacific Ocean with San Francisco Bay, what is the largest park in the city of San Francisco?

A: Golden Gate Park

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810 Q: Folksong Origins - This verse from the folksong, "Clancy of the Overflow" indicates what country?

And an answer came directed in a writing
unexpected, / And I think the same was
written with a thumbnail dipped in tar;
Twas his shearing mate who wrote, and
verbatim I will quote it: / "Clancy's gone to
Queensland droving, and we don't know where
he are."

A: Australia

811 Q: Constitutional Provisions - The new U.S. Constitution specified that the new government would come into existence among the ratifying states when how many of the thirteen had ratified it?

A: 9

812 Q: Aviation - In relation to aviation, these are types of what?
swept, forward-swept, elliptical, delta, swing

A: wings

813 Q: Revolutions - In what country did the Industrial Revolution begin?

A: Great Britain

814 Q: American Territories - Established in 1787, name the first organized territory of the United States.

A: Northwest Territory

815 Q: Tossed Hammers - If a hammer is thrown, it appears to wobble throughout its flight. This wobbling is caused by the non-uniform distribution of what?

A: mass (or weight)

816 Q: Radiation - Ever-present radiation from natural sources such as outer space and radioactive minerals in the earth is known as what kind of radiation?

A: background radiation

817 Q: Ancient Cities - These were ancient city-states of what civilization?
Sidon, Tyre, Byblos, Beirut, Carthage

A: Phoenicia

818 Q: North America - What Canadian province borders the Alaska Panhandle?

A: British Columbia

819 Q: Heart Abbreviations - What does the abbreviation "LA" stand for on a diagram of the human heart?

A: left atrium

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- 820 Q: Travel Problems - A bus leaves Yuma going westward at 50 mph. A second bus leaves from the same station going eastward at 60 mph. If they both leave at noon, how far apart are they at 3:30?
- A: 385 miles
- 821 Q: Biblical Characters - What expression meaning "extremely old" comes from the biblical grandfather of Noah who was said to have lived for 969 years?
- A: as old as Methuselah
- 822 Q: Toxins - What category of toxins deactivate nerves or disrupt the way they work?
- A: neurotoxins
- 823 Q: Numbers - What is the value of x times x to the negative first power?
- A: 1
- 824 Q: Invasions - In 1979, Soviet Troops participated in a massive military airlift into Kabul, the largest city in what country?
- A: Afghanistan
- 825 Q: Symbols - Symbols representing what two planets have become the traditional male/female signs in the study of biology since they were first used by Linnaeus in 1751?
- A: Venus and Mars
- 826 Q: Lab Equipment - What manual laboratory device for crushing substances into a fine powder or paste consists of a small ceramic or stone bowl and a hard, heavy, club-shaped object?
- A: mortar and pestle
- 827 Q: Europe - What body of water is immediately east of the European country called "The Boot"?
- A: Adriatic Sea
- 828 Q: Invasions - The Maximilian Affair relates to French intervention in what Latin American country?
- A: Mexico
- 829 Q: New England - What future U.S. state was known for a time in 1777 as New Connecticut?
- A: Vermont
- 830 Q: Home States - These people all lived in what state?
Alvin York
Lester Flatt
David Farragut
Dolly Parton
Al Gore
Davy Crockett
- A: Tennessee

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831 Q: Southeast Asia - What Indochinese country has the shortest name?

A: Laos

832 Q: Industrialists - The road to riches for what American industrialist began in the 1840s when the Texas Rangers ordered 1000 of his handguns?

A: Samuel Colt

833 Q: Archaeology - The Nazca civilization developed on what continent?

A: South America

834 Q: Assassins - The man who assassinated John Kennedy had previously been a member of what branch of the U.S. military?

A: Marine Corps

835 Q: Earthquakes - Name the point on the Earth's surface directly above the seismic focus.

A: epicenter

836 Q: Equations - Solve $p = qs$ for q .

A: p/s

837 Q: Algebraic Expressions - What is the simplified expression for n nickels and $(n-5)$ dimes?

A: $15n - 50$

838 Q: Factoring - What is the prime factorization of 210?

A: $2 \times 3 \times 5 \times 7$

839 Q: Credit - In a credit transaction, the person owed money is the creditor. What is the person owing money called?

A: debtor

840 Q: Continents - What continent lies immediately west of the Tasman Sea?

A: Australia

841 Q: Ratios - Determine two numbers whose ratio is 3 to 8 and whose sum is 33.

A: 9, 24

842 Q: Twisted Tales - In what story by O. Henry do Bill and Sam discover that the boy they have kidnapped is such a terror that they actually have to pay the father to take the kid back?

A: The Ransom of Red Chief

843 Q: Civil Rights Geography - In what U.S. state is the Selma to Montgomery Voting Rights Trail?

A: Alabama

844 Q: Polyhedrons - A polyhedron with six vertices and twelve edges has how many faces?

A: 8

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- 845 Q: Royal Rule - The exclusive right of a government to exercise supreme authority over its territory. I've just defined what 11-letter word starting with S?
- A: Sovereignty
- 846 Q: Sinuous Paths - Lewis and Clark followed the path cut by what river through the Cascades?
- A: Columbia River
- 847 Q: North - If you know your declination to be 5 degrees east, then true north on your compass is at how many degrees?
- A: 355
- 848 Q: Motion - The equation, $F=ma$, is directly related to which of Newtons laws of motion?
- A: 2nd law
- 849 Q: Humor - The final sentence of a humorous anecdote or joke is called what kind of line?
- A: punch line
- 850 Q: Percentage Word Problems - Hawkeye Caldwell is shooting clay pigeons and makes 85% of his shots. If he hit 51 birds, how many did he miss?
- A: 9
- 851 Q: Scholarly Places - The largest library of the ancient world flourished under the patronage of the Ptolemaic dynasty and was located in what great city?
- A: Alexandria
- 852 Q: A Wild Child - Name the feral child in Rudyard Kipling's "The Jungle Book."
- A: Mowgli
- 853 Q: Conflagrations - In 1666, much of what great European city was consumed by flames, including some 13,000 houses, 87 churches, the Royal Exchange, the Bridewell Palace, and St. Paul's Cathedral?
- A: London
- 854 Q: Space - What diffuse mass in space could be called an embryonic star cloud?
- A: nebula
- 855 Q: Solids - What is the name for any 3-dimensional figure with two parallel, congruent, polygon-shaped bases?
- A: prism
- 856 Q: Comets - What is the x for the time it takes a comet to make a complete orbit around the Sun?
- A: period

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857 Q: Fraud - What kind of fraud would be illustrated by someone uninjured in a minor traffic collision who decides to claim persistent neck and back pain in an attempt to get a higher payout from her group medical plan?

A: insurance fraud

858 Q: Grammatical Mood - "She is deceived" is an example of the present indicative. Restate that line in the future indicative.

A: She will be deceived.

859 Q: Medical Conditions - After 6 weeks, Screwball Slaminski just had a cast removed from his formerly broken pitching arm which is now obviously much smaller than his other arm. What is the medical term for such a decrease in the size of a body part?

A: atrophy

860 Q: Justices - These Supreme Court justices came from what state?

Byron White
Neil Gorsuch

A: Colorado

861 Q: Holidays - People in parts of what Asian country celebrate these holidays?

Sankranti
Rath Jatra
Maharishi Parasuram Jayanti
Raja Parba
Krishna Janmashtami
Hartalika Teej

A: India

862 Q: Box Office Smash - The movie soundtrack set the record for most weeks at #1 on the Pop Charts--53. Name this Broadway play and movie set in New York City but based upon an English playwright's tale set in Italy.

A: West Side Story

863 Q: Poisonous Secretions - These are three types of what secretions that may be included in a snakebite?

hemotoxins
neurotoxins
cytotoxins

A: venoms

864 Q: Medical Practitioners - During the Middle Ages, name the profession in which the practitioners were expected to do anything from amputating limbs and pulling teeth to cutting hair?

A: barbers

865 Q: Vertices - MATH: How many vertices in a tetrahedron?

A: 4

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866 Q: Court Responsibilities - In any trial, it is not the responsibility of the defense to prove that its client is what?

A: innocent (not guilty)

867 Q: Math Roots - What is the fifth root of -32?

A: -2

868 Q: Urban Anagrams - The same letters are used in the name of the Japanese capital city and what other city of Honshu that has long been a cultural, artistic, and religious center?

A: Kyoto

869 Q: Combustion - These steps occur in what kind of combustion?

-A substance with a relatively low ignition temperature release heat through oxidation or fermentation.

-The heat cannot escape and the temperature rises above the ignition point.

-Combustion occurs if oxygen is present.

A: spontaneous combustion

870 Q: Where is it? - As much as the world is horrified by Russia's invasion of Ukraine, there are nonetheless reports of long lines of recruits for Russia's army in Addis Ababa in 2022. High pay for soldiers is the reason for the turnout. Addis Ababa is the capital of what country?

A: Ethiopia

871 Q: Maritime Literature - In "Treasure Island," what is Jim Hawkin's role aboard the Hispaniola?

A: cabin boy

872 Q: 15th Century Heroines - These lines are about what military leader?

A plain girl of only eighteen
Was the last hope for France.
The war with England took its toll
Too great was their advance.
With true intent she told her tale.
The king trusted her word
And put her in charge of his men
Who thought it was absurd.

A: Joan of Arc

873 Q: Polygons - What is the term for a seven-sided polygon?

A: heptagon

874 Q: European Transportation - What tunnel runs beneath the Strait of Dover?

A: Chunnel (Channel Tunnel)

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875 Q: Medical Wordplay - These are examples of what form of wordplay?

- Conjunctivitis.com - a site for sore eyes
- Urine - opposite of "you're out"
- Sign on the lawn of a drug rehab center -
Keep Off the Grass

A: pun

876 Q: Etymology - The term "anachronism" derives from the Greek word "anakhronismos" which means backward what?

A: time

877 Q: Monumental Beginnings - In 1884, the cornerstone of what monument on Bedloe's Island in Upper New York Bay was laid?

A: Statue of Liberty

878 Q: Weather Alerts - Meteorologists provide what kind of notice when conditions are favorable for the development of tornadoes?

A: tornado watch

879 Q: Asian Nations - What country occupies an enormous region south of the Gobi Desert?

A: China

880 Q: Maps - What is the term for any great circle on the Earth's surface passing through both geophysical poles?

A: meridian

881 Q: Phrases - What kind of phrase completes the second line of this quote by Groucho Marx?

- Outside of a dog, a book is man's best friend.
- Inside of a dog, it's too dark to read.

A: infinitive phrase

882 Q: Levers - To lift a 200-pound crate, using a lever with its pivot point one foot from the weight and ten feet from the other end of the lever, you would only have to push down on the end of the lever with a force of how many pounds?

A: 20

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

A: 45 minutes

884 Q: Electrical Equipment - While a motor uses electrical energy to create mechanical energy, what other electrical device does just the opposite?

A: generator

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885 Q: Expressions - Complete this expression that means taking positive action, no matter how small, can help to dispel some worldly injustice or evil.

It is better to light one candle
than to curse the ...

A: darkness (dark)

886 Q: Winds - From late September until the end of March, they blow from the north and northeast. Between early June and September, they blow from the southwest. Name these winds of southern Asia.

A: monsoons

887 Q: Calendrical Time - What is the meaning of the abbreviation in this?

The east side of the IDL is a calendar day
earlier than the west side.

A: International Date Line

888 Q: British Brothers - In the American Revolutionary War, what was the surname the British brothers who held the ranks of general and admiral?

A: Howe

889 Q: Parts of Speech - In the following bit of advice, what part of speech is the word containing a prefix meaning "not"?

The art of conversation is not only to
say the right thing in the right place
but to leave unsaid the wrong thing
at the tempting moment.

A: adjective

890 Q: Characters - These are characters in what book set during the Second World War?

Liesel Miminger, an adopted girl
Hans and Rosa Hubermann, the foster parents
Rudy Steiner, a neighbor boy
Max Vandenburg, a fist fighter
Death, the collector of souls

A: The Book Thief

891 Q: Complex Character - All-American football player, Congressional Medal of Honor recipient, successful entrepreneur, high school groundskeeper, champion table-tennis player. What motion picture character known for running do those descriptions fit?

A: Forrest Gump

892 Q: Writing - What word completes this line illustrating parallel structure?

Great men never feel great and small men
never feel ...

A: small

893 Q: Poisoning - What kind of poisoning killed 10 crew members of the Soviet nuclear submarine K-31 and at least 28 people in the Chernobyl disaster?

A: radiation poisoning

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894 Q: Bones - Metacarpals are found in what part of the body?

A: wrist

895 Q: Winds - What kind of winds in clouds may repeatedly carry falling hailstones back to higher altitudes, enabling them to gain more mass with every ascent?

A: updrafts

896 Q: Keeping Them Apart - What's the three-word phrase for the ground between enemy trenches during World War I? It could be less than 30 yards or more than a mile separating the sides.

A: No man's land

897 Q: Island Invasions - Forces from what country invaded Attu and Kiska islands in 1942?

A: Japan

898 Q: Careers - What is the abbreviation for the field which involves establishing, developing, and maintaining favorable relationships between a public or private entity and society?

A: PR

899 Q: Roman Numerals - What Roman numeral is on the Great Seal of the United States?

A: MDCCLXXVI

900 Q: Parts of Speech - How many adjectives are in this line?

How come nobody can ever answer me
when I'm asking a rhetorical question?

A: 1

901 Q: Square Root - Since 6.325 is the square root of 40, what is the square root of 400,000?

A: 632.5

902 Q: Proverbs - State the original proverb suggested by this wordy version.

Illumination will be found at the termination
of a lengthy subterranean excavation.

A: There's light at the end of the tunnel.

903 Q: Sprains - What part of the body is subject to strains of the groin muscles, hamstrings, and quadriceps?

A: thigh (upper leg)

904 Q: Latin American Urban Areas - Major urban centers of what country include Greater Concepcion, Greater Valparaiso, and Santiago?

A: Chile

905 Q: Archery - What kind of bows often feature pulleys at the tips of the limbs?

A: compound bows

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906 Q: Slogans - When the previous president decided not to seek re-election, a popular campaign slogan for William Howard Taft was "TAFT," meaning "Take Advice From" whom?

A: Theodore

907 Q: Muscular Disorders - Name the symptom in which a person's body shakes uncontrollably due to repeated, intense, involuntary contraction and relaxation of muscles.

A: convulsions

908 Q: Aviation - Helicopters are classified as rotary-wing aircraft to distinguish them from what other major conventional class of aircraft?

A: fixed-wing aircraft

909 Q: Story Telling - For what does the abbreviation "POV" stand with regard to who is narrating a story?

A: point of view

910 Q: Apparatus in Physics - Name the spinning apparatus used to separate solids from liquids in labs.

A: centrifuge

911 Q: Foreign Policy - What "ism" is a foreign policy based on non-involvement in the affairs of other countries?

A: isolationism

912 Q: Cities - Vatican City is an independent city-state within what city?

A: Rome

913 Q: Space Probes - With its name indicating a desire to know or learn, what NASA space probe was programmed to land on Mars in 2012?

A: Curiosity

914 Q: Multi-Purpose Words - What term can mean "to get to the bottom of things" or a nautical measurement unit equal to six feet?

A: fathom

915 Q: Sentence Parts - Direct objects in sentences may be nouns, phrases, clauses, or what else?

A: pronouns

916 Q: Pottery - Handwork or handbuilding are primitive pottery techniques through which pieces are made from hand-rolled coils, slabs, ropes, and balls of clay and joined with a liquid clay slurry also known as what?

A: slip

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917 Q: Ships - These battleships were last moored together at what site?

- U.S.S. Nevada
- U.S.S. Tennessee
- U.S.S. West Virginia
- U.S.S. Oklahoma
- U.S.S. Arizona
- U.S.S. California

A: Pearl Harbor

918 Q: Anatomy - The Eustachian tube runs between the ear and what other part of the body?

A: throat (pharynx)

919 Q: Terminology - What do we call the long passage or hallway along which airport gates are located?

A: Concourse

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

A: barcode

921 Q: Mountain Ranges - Name the largest body of water visible from a peak in the Atlas Mountains.

A: Atlantic Ocean

922 Q: Geologic Time - Time is subdivided in the geologic column into a sequence of eons, eras, periods, and what else?

A: epochs

923 Q: Algorithms - What is calculated by multiplying 2 times the radius of a circle by 3.1416?

A: circumference

924 Q: Plane Figures - Add the number of degrees in one quadrant of a circle to number of degrees in each angle of an equilateral triangle.

A: 150 degrees

925 Q: Author's Big Hit - Ashley Wilkes and Rhett Butler are the creations of what author of Gone With the Wind?

A: (Margaret) Mitchell

926 Q: Levers - A 40-ounce weight 15 inches from the fulcrum balances a 48-ounce weight how far from the fulcrum?

A: 12.5 inches

927 Q: Sound Frequency - The frequency of the next C note below middle C is what fraction of that for middle C?

A: 1/2

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928 Q: Scientific Abbreviations - What unit of measurement is represented by the abbreviation, kcal?

A: kilocalorie

929 Q: Etymology - These words came into English from what language?
cache, malaise, somber, impasse, rapport

A: French

930 Q: Early American Settlements - Name either of the first two colonial towns established in Connecticut.

A: Hartford, New Haven

931 Q: Complex Fractions - Simplify $(1/4)/(3/8)$.

A: $2/3$

932 Q: Queens - This part of an obituary is about what queen?
Her 63-year reign saw the growth of an empire
on which the sun never set.

A: Queen Victoria

933 Q: Hazardous Materials - Over time, sticks of dynamite will exude droplets of what yellowish explosive liquid?

A: nitroglycerin

934 Q: Ships - The Missouri, Arizona, and Iowa were what kind of ships?

A: battleships

935 Q: Top Job in the Department - What is the title given to the top official of the U.S. Postal Service?

A: Postmaster General

936 Q: Getting Help - Psychologists help counsel people with different emotional and mental illnesses, but cannot prescribe medication. What medical specialty deals with the diagnosis and treatment of mental illnesses and can provide medication?

A: Psychiatry or Psychiatrists

937 Q: Canada - What Canadian territory extends almost to Greenland?

A: Nunavut

938 Q: Causes of Death - More Americans die each year from diseases related to what habit than from AIDS, alcohol, car accidents, fires, illegal drugs, murders and suicides combined?

A: smoking (using tobacco)

939 Q: Trails - The John Muir Trail is located in what mountain range?

A: Sierra Nevada

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940 Q: Ancient Peoples of the Middle East - These ancient people all dwelled in the vicinity of what Middle Eastern river as it flows to the Dead Sea: Ammonites, Moabites, Edomites, Philistines, Canaanites?

A: Jordan River

941 Q: Historic Division - Which continent is referred to in Winston Churchill's Iron Curtain speech?

A: Europe

942 Q: Rectangles - A rectangle has an area of 24 square inches. If its width is 2 less than the length, what are the dimensions of this quadrilateral?

A: 6" x 4"

943 Q: Greek - What is the name for the Greek letter that comes between rho and tau?

A: sigma

944 Q: Astronomers - Who, in 1610, became the first person to observe Saturn's rings?

A: Galileo

945 Q: Government Forms - Until the 19th century, what was the most common form of government throughout the world?

A: monarchy

946 Q: Transportation Bans - Name the list created by the Terrorist Screening Center that contains names of people who may not board commercial aircraft in the United States?

A: No Fly List

947 Q: Etymology - In a dictionary, for what does the abbreviation OE stand?

A: Old English

948 Q: Acids - When an alkali is added to an acid, both the acidity and the alkalinity are canceled, a process called what?

A: neutralization (neutralizing)

949 Q: Old San Francisco - The opium dens of 19th century San Francisco were mostly associated with people of what ethnic background?

A: Chinese

950 Q: Environments - An aerobe can live and grow in the presence of what molecule?

A: oxygen

951 Q: Clauses - What is the adverbial clause in this example?

Where there is smoke, there is fire.

A: where there is smoke

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- 952 Q: The 1920s - This describes what group active in the 1920s?
Despite the familiar sheets and hoods, it more closely resembled the anti-foreign nativist movements of the 1850s than the anti-black night riders of the 1860s.
- A: Ku Klux Klan
- 953 Q: Discount Problems - A self-propelled fly swatter is marked with a \$100 price tag. But today, and today only, there is a 50% off sale and then there is another 20% off the sale price. What is the total percentage off of the original price?
- A: 60%
- 954 Q: Business Math - You sold two used lawnmowers for \$120 each. Based on your cost, your profit on one was 20% and your loss on the other was 20%. How did you come out on these two sales?
- A: \$10 loss
- 955 Q: Restate With Different Words - What ten-letter verb starting with P means to restate in different words?
- A: Paraphrase
- 956 Q: Algebraic Fractions - Simplify $(q/7)$ times $(r/8)$.
- A: $(qr)/56$
- 957 Q: Physical Phenomena - These are characteristics of what disturbances traveling through a medium?
transmission, absorption, reflection,
interference, reflection, diffraction,
polarization
- A: waves
- 958 Q: Levers - Two guys weighing 75 and 90 pounds respectively sit at the ends of a teeter totter 15 feet long. To balance the board, the fulcrum should be how far from the lighter guy?
- A: $8 \frac{2}{11}$ ft (or 8.18 ft)
- 959 Q: Pollution - What type of water pollution is caused by the disposal of waste heat from industry or power generation?
- A: thermal (heat) pollution
- 960 Q: The Middle East - What two countries border Kuwait?
- A: Iraq and Saudi Arabia
- 961 Q: Deserts - In the 19th century, the first explorers in the region of Kansas called the region what desert?
- A: Great American Desert

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962 Q: Horrifying Acts - During Pontiac's Rebellion, British officers horrifically killed many of the Indigenous Peoples by giving them blankets and handkerchiefs infected with what disease - a disease which had already killed many in Europe, and whose vaccine was only a few years old?

A: Smallpox

963 Q: Cliche Sequences - A person wearing himself ragged and hanging on by a thread could be coming apart at the what?

A: seams

964 Q: The 1830s - He said, "On this subject I do not wish to think or speak or write with moderation. In a cause like the present I will not equivocate - I will not excuse - I will not retreat a single inch." What was William Lloyd Garrison talking about?

A: slavery

965 Q: Lines - Mathematicians speak of that portion of a line between and including two specific points as a line what?

A: segment

966 Q: Circulatory System - The two smallest kinds of blood vessels in the circulatory system are capillaries and what other?

A: venules

967 Q: Skin Conditions - What is the common name for what physicians call dermatitis?

A: rash (inflammation)

968 Q: Recognition - In 1921, in exchange for a payment of \$25 million, Colombia formally recognized what country?

A: Panama

969 Q: Person - Restate this line in third person plural.
I came, I saw, I conquered.

A: They came, they saw, they conquered.

970 Q: Island Nations - What country is located on the boundary between the Eurasian Plate and the North American Plate?

A: Iceland

971 Q: Sub Disasters - In 2001, a project was undertaken to raise the Russian submarine "Kursk" from the bottom of what sea north of Norway?

A: Barents Sea

972 Q: Getting Help - Psychologists help counsel people with different emotional and mental illnesses, but cannot prescribe medication. What medical specialty deals with the diagnosis and treatment of mental illnesses and can provide medication?

A: Psychiatry or Psychiatrists

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973 Q: DNA Results - Some modern research on Yeti artifacts held by people indicate that the DNA is likely that of what type of common animal?

A: Bear

974 Q: Presidential Succession - Who was Richard Nixon's handpicked successor for president?

A: Gerald Ford

975 Q: Aircraft Physics - What is reduced on an aircraft by feathering a propeller?

A: drag

976 Q: Bones - The rib cage includes twenty-four ribs and what other single bone?

A: sternum (breastbone)

977 Q: Borders - Named for a color, what demarcation line was established in 1949 between the armies of Israel and those of forces from Egypt, Jordan, Lebanon, and Syria?

A: Green Line

978 Q: Weathering - The process of physical weathering in which water freezes in a crack and exerts force on the rock causing further rupturing is called frost what?

A: wedging (or action)

979 Q: Materials Science - What characteristic of a material is determined by its ability to form a thin sheet by hammering or rolling?

A: malleability

980 Q: Solids - Name the line segment formed by the intersection of two faces.

A: edge

981 Q: Proportions - The square root of 3 is to 2 as 3 is to what?

A: 2 times the square root of 3

982 Q: Nouns - What is the first abstract noun in the poem, "Casey at the Bat"?

A: outlook

983 Q: Tangents - What is the greatest number of tangent lines that can be drawn for two circles that intersect at exactly two points?

A: two

984 Q: Figurative Language - What figure of speech is used in this?

It hurt the way your tongue hurts after
you accidentally staple it to the wall.

A: simile

985 Q: Sound - What term indicates a particular musical tone, the pitch of a sound, the rate at which sound waves pass a given point, and the rate at which a guitar string vibrates?

A: frequency

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986 Q: Greetings - Complete this greeting that originated in the Mandarin language.
Long time ...

A: no see

987 Q: Verbs - What broad category of action verbs is illustrated in these lines?
Charles chuckled.
The team stood tall.
Farnsworth flew through the forest.
Alice will arrive at the arbor in August.
Sarah sits on the soft sofa every Saturday.

A: intransitive verbs

988 Q: Friction - What kind of friction is a baseball player likely to experience during the last moments of an attempt to steal second base?

A: sliding friction

989 Q: Sets - What type of set is the set of lines that can be drawn through a given point?

A: infinite set

990 Q: Petrology - Which of the three broad categories of rock is formed through magmatism?

A: igneous rock

991 Q: Canadian Ecology - Life in many eastern Canadian lakes has been virtually exterminated due to a mixture of industrial exhaust and water. What is the name for the precipitation thus formed?

A: acid rain

992 Q: Birds - What consists of a bird's mandibles?

A: beak (bill)

993 Q: Respiration - Hemocyanin is a copper-containing respiratory pigment found in some mollusks such as octopusses. What is the iron-containing respiratory pigment found in vertebrate blood?

A: hemoglobin

994 Q: Celestial Geography - From the point of view of an observer, the nadir is how many degrees below the horizon?

A: 90

995 Q: Crime - Pretty Boy Bumstead was caught walking away from an industrial fire carrying a flame-thrower and five incendiary bombs. It is likely that he will be arraigned on what charges?

A: arson

996 Q: Algebraic Operations - From p/q subtract $(2r)/q$.

A: $(p-2r)/q$

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997 Q: Visitors - People from other countries who are in the United States without official authorization are classified as undocumented what?

A: aliens

998 Q: Squares - As the side of a square changes from 2 to 3, the area of the square changes from 4 to what?

A: 9

999 Q: Body Systems - What body system consists of all the cells and tissues that recognize and defend the body against foreign substances and organisms?

A: immune system

100 Q: Conquistadors - What conqueror of the Incas was assassinated in Lima by Spanish rivals?
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A: Francisco Pizarro