

1. An instance of this usually unintentional rhetorical device is in Shakespeare's *Much Ado About Nothing*, when Dogberry says the watch has "comprehended two auspicious persons." The play from which this term originates includes such examples as, "He is the very pineapple of politeness!" This term is taken from a character's name in Richard Sheridan's *The Rivals*. For 10 points, what is this term that refers to the substitution of a word for another word with a similar sound, resulting in a nonsensical statement?

ANSWER: malapropism [do not accept or prompt on "puns"]

045-09-3-08101

2. The prime candidate to harness this process as an energy source is a torus-shaped machine, the tokamak (TOE-kuh-mak), which will hopefully allow deuterium (doo-TARE-ee-um) and tritium to overcome the Coulomb barrier. This process requires the particles involved to overcome electric repulsion, which demands extremely high temperatures. The proton-proton variety of this process occurs in stars, and the "cold" type is largely seen as spurious. For 10 points, name this process in which atoms combine to form a heavier element.

ANSWER: nuclear fusion

063-09-3-08102

3. One mythical creature said to inhabit this desert spews forth sulfuric acid and is known as the "death worm." Dinosaur eggs and assorted fossils can be found in the Nemegt (neh-MECHT) Basin in the northwest part of this desert, which is widest between Lop Nor and Lake Bosten. Found between the Pamirs and the Greater Khingan, with a western arm extending to the Tarim basin in Xingjian (SHIN-jee-ahn) Province, this desert is north of the Tibetan plateau. For 10 points, name this desert located in Mongolia and China.

ANSWER: Gobi Desert

020-09-3-08103

4. This compound is oxidized in the presence of a platinum catalyst during the first step of the Ostwald process for nitric acid synthesis. This compound is the canonical example of a trigonal pyramidal molecular geometry in VSEPR (VES-per) theory, since it contains three bonds and one lone pair. An iron oxide catalyst is used to synthesize this compound from hydrogen and nitrogen gas in a reaction known as the Haber-Bosch (HAW-bur BOSH) process. For 10 points, name this base that is often used as a cleaner and has formula NH_3 .

ANSWER: ammonia [or NH_3 before it is read]

058-09-3-08104

5. One character on this show reveals that she has been faking a speech impediment while on a date with the wheelchair bound Artie. Another character on this show convinces her boyfriend Finn that she became pregnant when they shared a hot tub. Matthew Morrison plays Mr. Schuster, who returns to the title organization after founding the Acafellas. The cheerleading coach Sue Sylvester antagonizes the central group of this show set at McKinley High School. For 10 points, name this FOX show about a high school singing club.

ANSWER: Glee

045-09-3-08105

6. This author distinguished "perfect" from "imperfect" critics in essays from his book *The Sacred Wood*. This man wrote of "shape without form, shade without colour" in a poem that declares, "This is the way the world ends, not with a bang, but a whimper," titled "The Hollow Men." Another poem by this man uses the line "Shantih shantih shantih" to end the section "What the Thunder Said." For 10 points, name this poet who wrote the line "April is the cruellest month" to open that poem, "The Waste Land."

ANSWER: Thomas Stearns **Eliot**

019-09-3-08106

7. The amplitude of these phenomena is zero at the amphidromic (AM-fi-DRO-mik) point. These phenomena are analogous to the forces that dictate the Roche limit, the closest distance at which natural satellites can orbit a body without disintegrating. They are strongest during syzygy (SIZZ-uh-jee), when the "spring" ones occur. The weakest ones are called "neap" ones. Displacement due to these forces varies the most in Canada's Bay of Fundy. For 10 points, name these changes in the sea level caused by gravitational forces exerted by the sun and moon.

ANSWER: **tides** [accept **tidal** forces]

001-09-3-08107

8. One character in this work leads thirty-two unsuccessful revolts against the Conservative government. Another character in this novel is nicknamed Remedios the Beauty and floats into the sky while folding laundry. This work ends after one character sees his son carried off by ants. That follows the prediction of a parchment written by Melquíades (mel-KYE-uh-dees). This work depicts Jose Arcadio and other members of the Buendía family in Macondo. For 10 points, name this work of magical realism written by Gabriel García Márquez.

ANSWER: ***One Hundred Years of Solitude*** [or A ***Hundred Years of Solitude***; or ***Cien años de Soledad***]

023-09-3-08108

9. During this war, the seizure of Lighthouse Point secured artillery for the siege of Louisbourg. Fort Necessity was established by one side during this conflict, as a launching pad for a disastrous attack on Fort Duquesne (doo-CANE) that caused the death of General Braddock. The Proclamation of 1763 was issued after the conclusion of this war, in which one side was rallied by the "Join or Die" cartoon. For 10 points, name this American portion of the Seven Years War, which also saw the fall of Quebec during the Battle of the Plains of Abraham.

ANSWER: **French and Indian** War [accept **Seven Years** War before it is read]

015-09-3-08109

10. A deficiency of the hormones produced by this structure manifests as cretinism in infants. Graves' disease can cause overactivity of this structure. Two hormones produced by this structure are formed from reactions with tyrosine and iodine. Proper regulation of those two hormones, T₃ and T₄, ensures that goiter, or enlargement of this structure, does not occur. For 10 points, name this large endocrine gland in the neck area that should not be confused with the thymus.

ANSWER: **thyroid** gland [do not accept or prompt on "thymus"]

020-09-3-08110

11. One of these items was discovered in the body of Orochi by Susanoo (soo-sa-NO-wo) in Japanese mythology. In addition to Kusanagi (KOO-suh-NAH-gee), another of these was forged by Weyland (VIE-lond) and used by Sigurd to defeat Fafnir. In addition to Gram, another of these bears the inscriptions "take me up" and "cast me away" and has its accessory discarded by Morgan le Fay. That object is confused with another of these that was pulled from a stone by the son of Uther Pendragon. The Lady of the Lake gave Arthur, for 10 points, what kind of weapon exemplified by Excalibur?

ANSWER: **swords**

020-09-3-08111

12. One character in this story follows a route that takes him past Wiley's Swamp and Andre's Tree on his horse Gunpowder. Abraham Van Brunt is referred to in this story by the nickname "Brom Bones." Brom competes with a schoolteacher in this story for the affection of Katrina Van Tassel. The schoolteacher often tells ghost stories, including one about the figure who seems to chase the teacher out of town. For 10 points, name this short story in which Ichabod Crane believes he is chased by the Headless Horseman, written by Washington Irving.

ANSWER: "The **Legend of Sleepy Hollow**" [do not accept or prompt on partial answers]

023-09-3-08112

13. This man isolated government money from banks by signing the Independent Treasury Act. This President sent Winfield Scott to the border of Maine and Canada in an attempt to settle the Aroostook War. Years after leaving office, he became the first Presidential candidate for the Free Soil Party. The start of this man's Presidency was ruined by the Panic of 1837, brought about by his predecessor's Specie Circular. For 10 points, name this President of Dutch descent who served as a Vice-President under, and succeeded, Andrew Jackson.

ANSWER: Martin **Van Buren** [do not accept or prompt on "Buren"]

023-09-3-08113

14. In a story by this author, a girl saves the Aubain (ow-BAN) family from a charging bull and is eventually consoled by a parrot named Loulou. This author of "A Simple Heart" also wrote a novel in which Monsieur Rouault's (roo-ALTS) farm girl captivates the husband of Heloise. In that work by this man, Heloise dies penniless, which opens the door for the title character to marry a country doctor named Charles. This author created a woman who has affairs with Leon and Rodolphe. For 10 points, name this man who wrote *Madame Bovary*.

ANSWER: Gustave **Flaubert**

026-09-3-08114

15. This term comes from an Irish word meaning "outlaw" and was applied to Royalists who opposed Oliver Cromwell's Irish campaign in 1649 and 1650. It was also used to describe those who supported James II's right to succeed Charles II to the English throne, and those who supported the British monarchy during the American Revolution. It later became a nickname for those who opposed the Whigs, then the Liberals, and then Labour. For 10 points, give this common name for the British Conservative Party.

ANSWER: **Tory** [or **Tories**]

045-09-3-08115

1A. Samuel Taylor Coleridge, John Keats, and Theodore Gericault (ger-uh-COE) were among the participants in what early nineteenth century artistic movement, which rejected classical ideals and science in favor of great bursts of feeling and appreciation of nature?

ANSWER: **Romanticism** [or **Romantic** movement or other word forms]

1B. What physical field, formed by the dynamo effect from electric currents circulating in the core, is tilted by eleven degrees from the Earth's axis and has a north pole in the vicinity of Ellesmere Island, Canada?

ANSWER: the Earth's **magnetic field** [or obvious equivalents]

2A. This artist's painting *The Problem We All Live With* shows Ruby Bridges being escorted by law enforcement into a newly desegregated New Orleans elementary school. Name this creator of *Four Freedoms*, whose paintings reached Americans on the cover of the *Saturday Evening Post*.

ANSWER: Norman **Rockwell**

2B. The fatalistic, anomic, egotistic, and altruistic types are the four motivations for what action, according to a namesake study by pioneering sociologist Emile Durkheim?

ANSWER: **suicide**

3A. The President of France and the bishop of the Spanish county of Urgell are, by law, the "co-princes" who govern what small European country, found in the Pyrenees Mountains between France and Spain?

ANSWER: Principality of **Andorra** [or Principat d'**Andorra**]

3B. A quotation from Thomas Browne's "Urn Burial" serves this function for Derek Walcott's poem "Ruins of a Great House." Give this term for a quote from another work, which an author chooses to display at the start of his own writing.

ANSWER: **epigraph**

4A. This is a 10-second calculation question. Solve for z: $4z+12=8z-2$.

ANSWER: **3.5**

4B. This is a 10-second calculation question. What is fourteen twenty-fourths minus one third?

ANSWER: **1/4**

5A. Icelandic and Ancient Greek demonstrate the "middle" one of these, which does not exist in widely used contemporary language. Identify this grammatical feature of verbs, which, in French, Latin, Spanish, and English, comes in either "active" or "passive" forms.

ANSWER: **voice**

5B. Led by Yukio Hatoyama, this political party defeated the long-ruling Liberal Democratic Party in 2009 elections. Name this party that now controls the legislature of Japan.

ANSWER: **Democratic** Party of Japan [or **DPJ**; or **Minshuto**]

6A. This is a 20-second calculation question. If a line has x intercept -5 and slope 1.5, what is the y intercept?
ANSWER: 7.5

6B. This is a 20-second calculation question. What are the roots of the equation $x^2 + 3x - 6$?
ANSWER: $(-3 + \sqrt{33})/2, (-3 - \sqrt{33})/2$ [or 1.3722, -4.37]

7A. Chamillionaire, Lil Flip, Mike Jones, and Paul Wall are among the numerous rap artists whose careers began in what American city?
ANSWER: Houston, Texas

7B. Identify the Russian chemist who was inspired by Stanislao Cannizzaro's (stan-ees-LAO cah-nee-ZAH-roez) work on atomic weight to create the first accurate periodic table.
ANSWER: Dmitry Ivanovich Mendeleev

8A. This scientist's namesake "tower" is used to produce sulfuric acid. Identify this chemist whose namesake law states that the pressure of an ideal gas varies directly with temperature.
ANSWER: Joseph Louis Gay-Lussac (gay loo-SOCK)

8B. Ignatius J. Reilly bumbles from job to job in New Orleans in what novel, which made a name for its author, John Kennedy Toole, despite being published eleven years after Toole's death?
ANSWER: A Confederacy of Dunces

9A. This is a 30-second calculation question. If a triangle has side lengths 9, 9, and 2, what is the area of the triangle in simplest radical form?
ANSWER: $4\sqrt{5}$ (4 square root 5)

9B. This is a 30-second calculation question. What the product of the complex numbers $3+2i$ and $5+4i$?
ANSWER: $7+22i$

10A. What biological process involves a leukocyte (LOO-coe-site) engulfing and consuming another cell?
ANSWER: phagocytosis

10B. One can order "smothered," "chunked," or "covered" hashbrowns at this emblematically Southern eatery. Identify this restaurant chain whose locations are each denoted with a logo of yellow squares and are open 24 hours a day, 365 days a year.
ANSWER: Waffle House

1. The arrangement of this painting's central group was inspired by Raimondi's (rye-MON-deez) engraving of Raphael's *Judgment of Paris*. In the background of this painting, a woman looks downward and dips her bucket into a stream. A man in a flat tasseled hat gestures to his left in this work, which depicts a woman modeled on Victorine Meurent (mo-RAHNT) who reclines and looks toward the viewer. It depicts a nude woman among two clothed men who are enjoying the title meal. For 10 points, name this painting of a picnic, by Edouard Manet.

ANSWER: Luncheon on the Grass [or *Le déjeuner sur l'herbe*]

060-09-3-08117

2. This poet wrote a work commemorating the "glory of a next Augustan age" and "a golden age of poetry and power." He recited his poem that claimed "the land was ours before we were the land's" at the inauguration of John F. Kennedy. This man wrote a poem in which the narrator has "miles to go before" he sleeps. The speaker of another of this man's poems "took the one less traveled by, and that has made all the difference." For 10 points, name this author of "The Gift Outright," "Stopping by Woods on a Snowy Evening," and "The Road Not Taken."

ANSWER: Robert Lee **Frost**

003-09-3-08118

3. This composer inserted a "war interruption" into the "Agnus Dei" (OG-nus DAY-ee) section of his *Missa Solemnis*. Archduke Rudolf of Austria became the namesake of this composer's "Emperor" piano concerto. Napoleon's name was replaced with "the memory of a great man" atop this composer's third symphony, the *Eroica* (eh-ROW-eh-kuh). This composer used the poem "Ode to Joy" in his Ninth Symphony. "Fate knocking at the door" describes a four-note motif in his Fifth Symphony. For 10 points, name this German composer, who went totally deaf.

ANSWER: Ludwig van **Beethoven**

019-09-3-08119

4. Guy Steele is a noted creator of these and their grammar is often described in Backus-Naur form. Alan Kay created one called Smalltalk and they can be classified by their typing and by such paradigms as imperative, functional, and procedural. They can be object oriented and require an interpreter or compiler. For 10 points, name these constructs allowing one to tell a computer what to do, examples of which include C++ and Java.

ANSWER: **programming languages** [prompt on **languages**]

001-09-3-08120

5. This party won eight electoral votes by carrying Maryland in its best showing in a Presidential election. It grew out of a secret society called the Order of the Star-Spangled Banner and advocated a twenty-one-year residency period before citizenship. Former President Millard Fillmore was its nominee in 1856, and campaigned on its usual platform of excluding Irish Catholic immigrants. For 10 points, name this political party, which gained its nickname from its members' habit of denying any awareness of the group.

ANSWER: **Know-Nothing** Party [or the **Know-Nothings**; or the **American** Party]

045-09-3-08121

6. At the same time that this creature was born, another figure, who is variously depicted as a giant or a flying boar, also came into being. That companion was named Chrysaor (CHRIS-ay-ore). When this creature appeared, it had blood on its mane and could only be harnessed with a golden bridle. It came forth from the neck of the beheaded Medusa. Later, this creature resisted an attempt to invade the home of the gods by throwing off Bellerophon (bell-AIR-uh-fahn). For 10 points, name this winged horse of Greek myth.

ANSWER: **Pegasus**

019-09-3-08122

7. These cells are deformed in drepanocytosis (druh-PAN-oh-SIGH-toe-sis), a condition for which there exists a heterozygote (HET-uh-row-ZY-goat) advantage against malaria; that disease of these cells is better known as sickle-cell disease. If these cells are too old to function, they are destroyed by the spleen. In vertebrates, mature examples of these cells have no nucleus, while immature versions are called erythroblasts (uh-RITH-row-blasts). For 10 points, identify these cells which carry oxygen in the blood.

ANSWER: **red blood cells** [or **erythrocytes**; or **RBCs**]

022-09-3-08123

8. In a 2002 election against Matt Salmon, this politician publicly rebutted rumors of being a lesbian. This Democratic politician was succeeded by Republican Jan Brewer when she resigned to take a Cabinet position in 2009. This former governor of Arizona was criticized, following the December 2009 attempt by Umar Abdulmutallab (ahb-DOOL-muh-TAH-lahb) to destroy a Northwest Airlines flight, when she said "the system worked." For 10 points, identify this current Secretary of Homeland Security.

ANSWER: Janet **Napolitano**

019-09-3-08124

9. This nation's ports were blockaded by France during the Pastry War. This nation achieved its independence after Father Hidalgo issued the Cry of Dolores. In the twentieth century, this country's government was dominated by the PRI, which finally lost the presidency in 2000 to Vicente Fox. In the nineteenth century, this country's leaders included Benito Juarez (HWAH-rez) and Santa Anna. For 10 points, name this country that was invaded by the United States during the presidency of James Polk.

ANSWER: **Mexico** [or United **Mexican States**; or **Estados Unidos Mexicanos**]

004-09-3-08125

10. One method of calculating values in this set involves using Binet's (BIN-ay's) Formula. The values in this set can also be found by summing up the numbers in the shallow diagonals of Pascal's Triangle. Dividing a term in this set with the previous term will give an approximate value for the golden mean. Each term in this sequence is equal to the addition of the two previous terms. For 10 points, what is this series of numbers, named for an Italian mathematician, that starts out "one, one, two, three, five?"

ANSWER: **Fibonacci** sequence [or **Fibonacci** numbers]

023-09-3-08126

11. This man hired Baron Haussmann to overhaul the national capital. Karl Marx's claim that history repeats itself "first as tragedy, then as farce" refers to this man's reign, which Marx chided in a text about this man's "Eighteenth Brumaire." This man turned the Second Republic into the Second Empire before his capture at the Battle of Sedan. For 10 points, name this last emperor of France, who initiated the Franco-Prussian War and was named for his conquering grandfather.

ANSWER: **Napoleon III** [or Charles-**Louis-Napoleon** Bonaparte; prompt on **Napoleon**]

026-09-3-08127

12. In this novel, the protagonist's group is described as "mule drivers" and "mud diggers." The protagonist abandons a "tattered man" and his colleague Jim Conklin. Wilson takes care of the protagonist of this work, believing him wounded, when in fact he was hit in the head with a rifle. At the end of this novel, the 304th Regiment is victorious. For 10 points, name this novel featuring Henry Fleming's adventures and maturation in the Civil War, a work by Stephen Crane.

ANSWER: *The Red Badge of Courage*

062-09-3-08128

13. Court intrigue within this empire pitted Dara Shikoh (DAH-ruh SHEE-coe) against Aurangzeb (ore-ANG-zeb). The last ruler of this empire, Bahadur (BAH-huh-door) Shah II, was exiled for suspected involvement in the Sepoy Rebellion. This empire's greatest ruler created a new religion that combined Islam with Hinduism, Jainism, and Christianity. For 10 points, name this empire that was ruled by Akbar (OCK-bar) and Babur (bah-BOO-er) and lasted from the sixteenth to nineteenth centuries in India.

ANSWER: Mughal Empire [or Moghul Empire]

003-09-3-08129

14. This composer wrote a symphony that uses two Dresden Amens and quotes from "A Mighty Fortress is Our God" to commemorate the anniversary of the Augsburg Confession. This composer of the *Reformation* symphony wrote eight books of six piano pieces each in his *Songs Without Words*. He wrote the oratorios *St. Paul* and *Elijah*. He commemorated a trip to Scotland with his sister Fanny in the *Hebrides* (HEH-brid-eez) *Overture*. For 10 points, name this Romantic composer of a wedding march for *A Midsummer Night's Dream*.

ANSWER: Jakob Ludwig Felix Mendelssohn Bartholdy [or Jakob Ludwig Felix Mendelssohn Bartholdy; or Jakob Ludwig Felix Mendelssohn-Bartholdy]

020-09-3-08130

15. This man gained populist clout by repealing the Cumberland Road Bill. As President, he oversaw the First Seminole War; previously, he led the militia that suppressed Gabriel Prosser's slave revolt, as Governor of Virginia. This man's Presidency also saw the Missouri Compromise and the collapse of the Federalist Party, which led to the "Era of Good Feelings" and his nearly unanimous re-election. For 10 points, identify this President who proclaimed that European nations could not interfere in the Western Hemisphere in his namesake "doctrine."

ANSWER: James Monroe

020-09-3-08131

1. One character in this novel abandons Helene and becomes a Freemason after shooting Dolohov in a duel. A different character falls in love with the caddish brother of Helene, named Anatole, after meeting him at the opera. Another character in this novel believes Napoleon Bonaparte is the Antichrist and sets out to assassinate him. Prince Andrey dies in battle in this novel, leaving Natasha Rostova to marry Pierre Bezuhkhov. For 10 points, name this long Leo Tolstoy novel.

ANSWER: War and Peace [or Voyna i mir]

015-09-3-08132

2. The negative ion of this element is sometimes complexed with lithium and aluminum. The standard electrode containing this element is defined as zero volts at all temperatures. The "bi" in sodium bicarbonate (bye-CAR-bo-NATE) refers to this element. When bonded to oxygen, nitrogen or fluorine, this element forms its namesake powerful intermolecular bond. If this element has one or two neutrons, it is known as deuterium (doo-TARE-ee-um) or tritium, respectively. For 10 points, name this lightest chemical element with symbol H.

ANSWER: hydrogen [or H before mentioned]

064-09-3-08133

3. The "indifference" type of these constructs show points at which different bundles of goods provide equal utility to a consumer. Another one of these entities is used to derive the Gini coefficient and is named for Lorenz. One of these entities illustrates the correlation between tax rate and tax revenue and is named for Laffer. Another of these entities shows the inverse relationship between unemployment and inflation and is named for Phillips. For 10 points, name these economic entities whose types also include the supply and the demand.

ANSWER: economic curves

024-09-3-08134

4. The transverse asymmetry of this structure can be altered by flippases (FLIP-ay-says), floppases (FLOP-ay-says), and scramblases (SCRAM-blaysays). This structure contains peripheral, integral, and lipid-anchored proteins. Some of those proteins function as pumps and channels to transport substances that cannot diffuse across this structure. This structure is often modeled as a "fluid mosaic" or a "phospholipid bilayer" (FOSS-fo-lip-id BYE-lay-ur). For 10 points, identify this structure that surrounds a cell.

ANSWER: cell membrane [or plasma membrane]

001-09-3-08135

5. One member of this philosophical school wrote about its "Maxim," which helps define terms with clarity, in "How to Make Our Ideas Clear." This school inspired the ideas found in *Democracy and Education*. Another of its proponents wrote *The Principles of Psychology* and gave a series of lectures that dubbed this school "A New Name for Some Old Ways of Thinking." This school informed Charles Sanders Peirce and John Dewey. For 10 points, William James was one proponent of what philosophical school, which focused on practicality?

ANSWER: pragmatism [accept word forms]

024-09-3-08136