



1. This acronym was used by the army that put Yoweri Museveni in power in Uganda and by the George Henry Evans-led movement to "vote yourself a farm." Another organization with this acronym promoted the Blue Eagle logo before being ruled unconstitutional in the Sick Chicken case. Another group with this acronym has been led since 1991 by Wayne LaPierre and opposed the Brady Bill. For 10 points, give this three-letter acronym for the US's largest Second Amendment advocacy group.

ANSWER: NRA [or National Resistance Army; or National Reform Association; or National Recovery Administration; or National Rifle Association]

019-12-71-08101

2. This publication was sold for \$1 to Sidney Harman in 2010. This publication recently produced provocative covers, including a widely criticized one entitled "Muslim Rage: How I Survived It, How We Can End It." Regular features from this magazine have included Eleanor Clift's "Capitol Letter" and columns by George Will. In 2010, this publication merged with the *Daily Beast*. For 10 points, name this longtime rival of *Time* and *U.S. News and World Report* that in October 2012 announced that it was ceasing publication of its print edition.

ANSWER: Newsweek

030-12-71-08102

3. A particularly out-of-touch manifesto issued by this party in 1983 was called "the longest suicide note in history" by Gerald Kaufman. During the 1950s, this party was split between supporters of Aneurin Bevan and Hugh Gaitskell. The Beveridge Report was influential in this party's post-war policies, including laws such as the National Health Service Act. Those laws were passed under this party's Clement Atlee. For 10 points, name this British political party of Gordon Brown and Tony Blair.

ANSWER: Labour Party

121-12-71-08103

4. One scene in this work sees Cipolla claiming to show relics like the feather of the angel Gabriel. This work includes stories about the false saint Ciappelletto and about Saladin trying to trick the Jew Melchizedek. This work includes the story of a woman whose husband abuses her to test her virtue called "patient Griselda." For 10 points, identify this work, a collection of one hundred stories told by Florentine nobles fleeing the plague, written by Giovanni Boccaccio (boh-KAH-chee-oh).

ANSWER: *The* Decameron [or *Il* Decameron]

191-12-71-08104

5. This man created a cartoon of a chopped up snake with the caption "Join or Die" to support his Albany Plan of Union, and he wrote the satire "Rules by Which a Great Empire May Be Reduced to a Small One." In 1775, he became the United States' first Postmaster General. This man's popular autobiography promotes such virtues as "temperance" and "silence." For 10 points, name this Founding Father who published *Poor Richard's Almanack* and invented the lightning rod.

ANSWER: Benjamin Franklin

052-12-71-08105

6. In Sherman Alexie's *The Absolutely True Diary of a Part-Time Indian*, the protagonist identifies this novel for the only points his team scores during a humiliating middle school quizbowl game. Lines from this book are read aloud at Bruce Wayne's funeral at the end of *The Dark Knight Rises*. This book's title is parodied in the name of the second CGI *Garfield* movie. This book remains fifty million volumes ahead of *The Lord of the Rings* as the bestselling English-language novel of all time. For 10 points, name this story of Madame DeFarge and Sydney Carton, by Charles Dickens.

ANSWER: A *Tale of Two Cities*

019-12-71-08106

7. The development of members of this phylum is divided into stages called instars, which become longer in duration with age and define the time between occurrences of ecdysis. A notable feature of members of this phylum consists of a procuticle and an epicuticle. Over eighty percent of all known animal species belong to this phylum. Members of this phylum have an exoskeleton made of chitin. For 10 points, name this phylum including arachnids, crustaceans, and insects.

ANSWER: Arthropoda [or arthropods]

014-12-71-08107

8. This man's short stories include one in which a doctor is put into his own asylum, "Ward No. 6," as well as "The Lady with the Dog." Another work by this author sees Professor Serebryakov (sair-uh-BREE-uh-koff) try to sell the country house managed by his daughter Sonia. One play by this man ends with Lopakhin purchasing the title property from the Gayev family. For 10 points, name this Russian playwright of *Uncle Vanya* and *The Cherry Orchard*.

ANSWER: Anton Chekhov [or Anton Pavlovich Chekhov]

191-12-71-08108

9. One of these reactions occurs in supersaturated solutions when a nucleation site is added. When the reaction quotient is greater than the solubility product constant, this type of reaction will occur when the equilibrium shifts to the left. If this occurs during a double replacement reaction, the spectator ions are usually removed from the net ionic equation. This type of reaction occurs when lead nitrate is added to potassium iodide, forming a yellow-ish substance. For 10 points, name this type of reaction which causes a namesake insoluble product to form.

ANSWER: precipitation reaction [or crystallization; or word forms]

190-12-71-08109

10. This poet of a "Sonnet--To Zante" described a "vulture, whose wings are dull realities" and asked if the title entity had "driven the Hamadryad from the wood" in a "Sonnet--To Science." In a poem set during "bleak December," this man created a speaker who "pondered, weak and weary" during a "midnight dreary." The narrator of that poem experiences "sorrow for the lost Lenore." For 10 points, name this American poet of "The Raven."

ANSWER: Edgar Allan Poe

149-12-71-08110

11. One painting by this man shows several mounted Mamelukes charging a crowd. In another painting by him, a gray-haired man gnaws on the bloody arm of a headless corpse. He painted a Christ-like man dressed in white with outstretched arms being fired upon by French soldiers. On the walls of the Quinta del Sordo, or the House of the Deaf, he painted a series that includes *Saturn Devouring His Son*. For 10 points, name this Spanish artist of the *Black Paintings* and *The Third of May, 1808*.

ANSWER: Francisco Goya [or Francisco Jose de Goya y Luciente]

186-12-71-08111

12. This author's obstetrician, Dr. Frederick Kobenheyer, convinced this writer to write fiction as a means of addressing her depression following the death of her mother. This author created the character of Armand Aubigny, a man who drives off his wife after suspecting her of being racially impure. That work by this author is "Desiree's Baby." Another character created by this author is married to Leonce but becomes romantically involved with Robert Lebrun. For 10 points, name this female American writer of a novel about Edna Pontellier, *The Awakening*.

ANSWER: Kate **Chopin** [or Katherine **O'Flaherty**]

030-12-71-08112

13. In the 1940s, this team was regarded as relying on rain to complete their rotation after Johnny Sain and Warren Spahn. This team won their division title 13 straight times behind the pitching of Tom Glavine, John Smoltz and Greg Maddux. Newer stars for this team include Tommy Hanson and Jason Heyward. For 10 points, name this baseball team who Hank Aaron and Chipper Jones played for.

ANSWER: **Atlanta Braves**

088-12-71-08113

14. In one work by this author, a mysterious gift of a piano is sent to Jane Fairfax, and that work's characters include Mr. Elton, who the title character tries to pair with Harriet Smith. In another work, this writer created Catherine Morland, whose love of Gothic literature prompts gruesome fantasies about the title location, *Northanger Abbey*. This author of *Emma* also wrote a novel including Mr. Bingley, Mr. Darcy, and Elizabeth Bennet. For 10 points, name this British author of *Pride and Prejudice*.

ANSWER: Jane **Austen**

191-12-71-08114

15. This man was blessed by the namesake of Mormonism's Melchizedek Priesthood. In Islam, Eid-al-Adha commemorates the faith of this son of Terah, who twice lied to kings that his wife was his sister, and argued that God should save a community for the sake of ten righteous men. He banished his concubine Hagar and ascended Mount Moriah in a test of sacrifice from God. For 10 points, name this man who left his homeland for Canaan, a Biblical patriarch and father of Isaac.

ANSWER: **Abraham** [or **Abram**; or **Avraham**; or **Ibrahim**]

104-12-71-08115



1A. Name the author who created Brigid O'Shaugnessy, a woman who deals with Sam Spade, a detective who appears in this man's *The Maltese Falcon*.

ANSWER: Dashiell **Hammett** [or Samuel Dashiell **Hammett**]

1B. What Macedonian leader stretched his empire out to India before dying in 323 BCE?

ANSWER: **Alexander the Great** [or **Alexander III** of Macedonia; prompt on **Alexander**]

2A. Name this single-reed woodwind instrument that comes in "alto" and "tenor" varieties.

ANSWER: **saxophone**

2B. This is a 20-second calculation question. A pyramid has a square base of side length 4 and a height of 6. Find the volume of the pyramid.

ANSWER: **32**

3A. This is a 30-second calculation question. Simplify this expression: Cosine of 40 degrees times sine of 20 degrees, plus cosine of 20 degrees times sine of 40 degrees.

ANSWER: **square root of 3, over 2** [or **radical 3, over 2**; or **root 3, over 2**; or **one-half root 3**; do not accept "(square) root of three halves"]

3B. For a pendulum, what value is given by two pi times the square root of its length over the acceleration due to gravity?

ANSWER: **period**

4A. What language isolate spoken in Spain and France has no relation to its surrounding Indo-European languages?

ANSWER: **Basque** [or **Euskara**]

4B. What value is the amount of work done by centripetal force on a body moving in a circular path and the value of the derivative of a constant function?

ANSWER: **zero**

5A. What thinker described life in a state of nature as "nasty, brutish, and short" in his *Leviathan*?

ANSWER: Thomas **Hobbes**

5B. What American Indian tribe had a writing system that was created by Sequoyah?

ANSWER: **Cherokees**

6A. What TV channel's original series include *Mad Men*, *Breaking Bad*, and *The Walking Dead*?

ANSWER: **AMC** [or **American Movie Classics**]

6B. The accession to the throne of what mother of Joseph II resulted in the War of the Austrian Succession?

ANSWER: **Maria Theresa** [or **Maria Theresia**]

7A. Name this American painter who depicted his mother in his *Arrangement in Grey and Black, No. 1*.

ANSWER: James Abbott McNeill **Whistler**

7B. What politician won his fourth term in office by defeating Henrique Capriles in October 2012 in Venezuela?

ANSWER: Hugo Rafael **Chavez** Frias

8A. What is the name of the rainbow bridge connecting Midgard with Asgard and protected by Heimdall?

ANSWER: **Bifrost**

8B. What law of heat summation says that the change in enthalpy in a reaction is independent of the number of steps taken?

ANSWER: **Hess's Law**

9A. This is a 30-second calculation question. The list 1, 2, 4, 10, and x has mean equal to its median. Find x.

ANSWER: **-7** [do not accept "7"]

9B. This is a 30-second calculation question. Maria can run at 10 miles per hour, and walk at 4 miles per hour. She starts a 10-mile course at 2 pm, walks for an hour, and runs the rest of the course. At what time does Maria finish?

ANSWER: **3:36** pm

10A. In which Shakespeare play does Shylock demand a "pound of flesh" from Antonio?

ANSWER: *The **Merchant of Venice***

10B. What operation from calculus can be approximated via a Riemann sum and is commonly used to find the area under a curve?

ANSWER: **integration** [or **integral**]



1. This quantity can be calculated for a dipole in an electric field by finding the negative dot product of the moment and the electric field. One method of finding this quantity involves multiplying one-half by the spring constant and the square of x . It is also calculated by finding product of mass, gravitational acceleration, and the height of an object, or finding " $m g h$." For 10 points, identify this energy associated with an object's position, which is commonly contrasted with kinetic energy.

ANSWER: **potential** energy

189-12-71-08117

2. This play is introduced by a chorus claiming that the Muse is "not marching now in fields of Trasimene." The protagonist of this play begins a famous soliloquy by telling himself, "Now hast thou but one bare hour to live." Earlier, the protagonist asks, "Was this the face that launched a thousand ships?" after summoning Helen of Troy. In this play's final scene, the title scholar cries out, "Ah, Mephistopheles!" as he is dragged to hell by demons. For 10 points, name this tragedy by Christopher Marlowe.

ANSWER: **Doctor Faustus**

014-12-71-08118

3. This letter denotes a function with asymptotes at every negative integer that extends the factorial across the real numbers. In physics it denotes the exponent to which the product of pressure and volume is raised in adiabatic processes, namely the ratio of constant-pressure heat capacity to constant-volume heat capacity. X-rays have less energy than photons symbolized by this letter. For 10 points, name this Greek letter whose namesake radiation is more damaging than that from alpha or beta decay.

ANSWER: **gamma**

104-12-71-08119

4. This man led the unpopular Peace Ship to Europe during World War I. He built the 999 for Barney Oldfield and, in 1914, introduced a five-dollar-per-day wage at his Highland Park plant. In 1918, he purchased the *Dearborn Independent* and turned it into a regular organ of anti-Semitism. This mogul brought the average chassis production time down to ninety-three minutes with his perfection of the assembly line. For 10 points, name this industrialist who designed and mass-marketed the Model T automobile.

ANSWER: Henry **Ford**

019-12-71-08120

5. Because of its zero-point energy, this element cannot be solidified at one atmosphere of pressure. It has the largest ionization energy of any element and occurs as a superfluid at very low temperatures. Alpha particles consist of the nuclei of this element. It is the first element to fill a valence shell, with its electrons in the 1s atomic orbital. It is created through the fusion of hydrogen atoms. For 10 points, name this element, the lightest noble gas, which has atomic number two.

ANSWER: **helium**

190-12-71-08121

6. One of this man's works sees a war waged over the proper way to eat eggs, as well as a visit to the Houyhnhms (HWIN-ims). This man's religious writings include "An Argument Against Abolishing Christianity" and *A Tale of the Tub*. This man wrote an essay suggesting the Irish should eat their children, as well as a novel about a surgeon who visits Brobdingnag and Lilliput. For 10 points, name this satirist of "A Modest Proposal" and *Gulliver's Travels*.

ANSWER: Jonathan **Swift**

191-12-71-08122

7. Some of these creatures have modified TRPV1 receptors on their noses to detect body heat, and a fungal growth on these creatures called "white nose syndrome" has killed millions of them. These animals of order Chiroptera have a cartilage flap called the tragus in front of their large ears, which helps them determine the source of high-frequency ultrasound calls. For 10 points, name these mammals which roost upside down, fly, and use echolocation, and include the blood-regurgitating "vampire" type.

ANSWER: **bats** [or **Chiroptera** before read]

104-12-71-08123

8. Henry Pellatt owned the power company that first supplied this city with electricity and built his mansion Casa Loma here. The Centreville amusement park is on islands of the same name as this city off its coast. The first baseball stadium with a fully retractable roof, SkyDome, was built for its team. That stadium is located near its tallest structure, the CN Tower. Under British rule, this city was the capital of Upper Canada and is now the provincial capital of Ontario. For 10 points, name this largest city in Canada.

ANSWER: **Toronto**

121-12-71-08124

9. A song on one of this man's albums, "Mademoiselle Mabry," includes an interpretation of Jimi Hendrix's "And the Wind Cried Mary." That song is on the album *Filles de Kilimanjaro* by this composer of "In a Silent Way." One of this man's songs is named for an individual who frequently watched this musician without paying and is entitled "Freddie Freeloader." Joaquin Rodrigo's *Concierto de Aranjuez* was rearranged on this man's album *Sketches of Spain*. For 10 points, name this jazz trumpeter who composed *Kind of Blue*.

ANSWER: Miles **Davis**

030-12-71-08125

10. This scientist names a physical constant which is calculated as the product of the elementary charge and h -bar divided by two times the mass of an electron; that is his magneton. This man developed the complementarity principle, and he is the namesake of the smallest allowed orbital radius for an electron within a hydrogen atom. For 10 points, identify this Danish physicist who posited that electrons orbit around a nucleus in his quantum mechanical model of the atom.

ANSWER: Niels **Bohr**

189-12-71-08126

11. One director from this country made a movie about a photographer who accidentally takes a picture of a murder. In another film made in this country, a woman pawns her bedsheets in order to allow her husband to take a job posting advertisements, but the job is derailed when the husband's bicycle is stolen. This country was the homeland of the directors of *Blow-Up* and *The Bicycle Thief*. For 10 points, name this country whose cinema also includes *8 1/2* and *La Dolce Vita* by Federico Fellini.

ANSWER: Republic of **Italy**

019-12-71-08127

12. Pedology is the study of this substance. A namesake taxonomy of this substance with twelve "orders" was developed by the USDA. Detritus in this substance is called humus. Bedrock underlies this substance and is its source. Its texture can be classified into clay-ey, sandy and loamy. Distinct layers of this substance are called horizons. For 10 points, name this substance whose uppermost layer is called "top" and which is commonly called dirt.

ANSWER: **soil** [prompt on **dirt**]

066-12-71-08128

13. This man declared, "America is false to the past, false to the present, and solemnly binds herself to be false to the future," in one speech. He describes being taught to read by Hugh Auld's wife and being sent to the "breaker" Mr. Covey in his autobiography. This speaker of the oration "What to the Slave is the Fourth of July?" founded the newspaper *The North Star* several years after escaping from his owner in Baltimore. For 10 points, name this author of a "narrative" of his life under slavery, a leading black abolitionist.

ANSWER: Frederick **Douglass** [or Frederick Augustus Washington **Bailey**]

019-12-71-08129

14. To test another experiment, Richard King and Charles Sheridan replaced one of these creatures with a puppy that was shocked at increasing voltages. In another experiment, one of these creatures was nicknamed John Wayne because of sadistic behavior. A 1961 experiment tested how far these creatures would go in obeying authority figures. For 10 points, name these creatures tested in the Milgram Experiment and the Stanford Prison Experiment, and who were also conducting the experiments.

ANSWER: **humans** [or equivalents such as **people**]

023-12-71-08130

15. This river flows through five "Great Falls" including the Black Eagle Falls and the Rainbow Falls. It passes through Lake Sakakawea and is impeded by the Fort Peck Dam. Its silt deposits give it the nickname "Big Muddy." This river's tributaries include the Osage, while it is formed from the confluence of the Jefferson, Gallatin, and Madison Rivers. Cities it flows through include Pierre and Kansas City. For 10 points, name this river that joins the Mississippi River near St. Louis, which is in its namesake state.

ANSWER: **Missouri** River

192-12-71-08131



1. Immature forms of these cells are called reticulocytes, and a surplus of these cells causes a disease called polycythemia. Technically referred to as erythrocytes, these cells lack a nucleus and have the shape of biconcave disks. Anemia is characterized by a deficiency of these cells, which consist mainly of the iron-containing protein hemoglobin. For 10 points, name these cells that transport oxygen through the body, in contrast to their white counterparts.

ANSWER: **red blood cells** [or **RBCs**; or **erythrocytes** before it is read]

014-12-71-08132

2. Though it is not in Russia, this city has a bridge named for Russian Tsar Alexander III, which links a museum known as "the small palace" with an architecturally significant retirement home for veterans called the Hotel of Invalids. Another building in this city contains the Emmanuel Bell, and was envisioned by Bishop Maurice de Sully as towering over the Île de la Cité (EEL day la SIT-ay) area. For 10 points, name this city, home to a large Cathedral of Notre Dame and the iron tower designed by Gustave Eiffel.

ANSWER: **Paris**, France

019-12-71-08133

3. This poet wrote, "Here we go round the prickly pear," in a poem that describes the title figures "leaning together headpiece filled with straw." Another of his poems includes the lines, "I will show you fear in a handful of dust," and "HURRY UP PLEASE IT'S TIME," which punctuates its second section, "A Game of Chess." This poet began that five-part poem by observing, "April is the cruelest month." For 10 points, name this modernist American poet of "The Hollow Men" and "The Waste Land."

ANSWER: T. S. **Eliot** [or Thomas Stearns **Eliot**]

014-12-71-08134

4. This ruler supported John Zapolya as king of Hungary against the Hapsburg claimant. Internally, he employed the architect Sinan and became known as *kanuni*, or the lawgiver, for codifying his empire's law. He smashed the Hungarian army of Louis II at the Battle of Mohacs (MOH-hawtch), took Rhodes from the Hospitallers, and unsuccessfully besieged Vienna during his rule from 1520 to 1566. For 10 points, name this longest-reigning sultan of the Ottoman Empire.

ANSWER: **Suleiman** the Magnificent [or **Suleiman** the Lawgiver; or **Suleiman** I; or **Suleiman** Muhtesem]

080-12-71-08135

5. A letter largely written by Leo Szilard warned that a certain Czechoslovakian ore was being used to conduct research into building one of these devices; that letter was signed solely by Albert Einstein. The material for this bomb was enriched at Oak Ridge, Tennessee. The remark "Now, I am become Death, the destroyer of worlds," was spoken after the Trinity Test of one of these devices, by the head of the project that developed it, Robert Oppenheimer. For 10 points, identify this device developed by the Manhattan Project.

ANSWER: **atomic bomb**

066-12-71-08136

Name the Brothers Grimm story in which a girl who is tasked with spinning straw into gold wins back the right to her firstborn child by revealing an evil creature's name.

ANSWER: "**Rumpelstiltskin**" [or "**Rumpelstilzchen**"]