

1. This author of "The Devil and Tom Walker" used the name Launcelot Langstaff to publish the periodical *Salmagundi*. Another work by this author features a Halloween story about a Hessian trooper whose head is blown off by a cannon ball. That short story by this author ends when the horse Gunpowder returns without its rider and only a smashed pumpkin is found. For 10 points, name this author of *The Sketchbook of Geoffrey Crayon* who wrote about the bully Brom Bones and the schoolteacher Ichabod Crane in "The Legend of Sleepy Hollow."

ANSWER: Washington **Irving**

034-10-14-03101

2. After a visit to this nation, Mikhail Glinka wrote an orchestral piece about a summer night in this nation's capital. "Evocacion" [eh-vo-kah-see-own] opens one composer's suite of twelve works about this nation. Another composer from this nation wrote a ballet, *The Three-Cornered Hat*, as well as three nocturnes for piano and orchestra entitled *Nights in the Gardens* of this nation. For 10 points, name this nation that is the subject of the *Iberia* suite, home to the composers Isaac Albeniz and Manuel de Falla.

ANSWER: Kingdom of **Spain** [or Reino de **Espana**]

036-10-14-03102

3. This novel's main character is jailed for nearly killing Mr. Fitzpatrick in a duel. The title character of this novel is often beaten by his pedantic tutor Thwackum, and becomes the rival of Blifil after being taken in by Squire Allworthy as an infant. At the end of this novel, the title character discovers that he was not born a bastard, allowing him to marry Sophia Western. For 10 points, name this novel about a "foundling" by Henry Fielding.

ANSWER: *The History of **Tom Jones**, a Foundling*

004-10-14-03103

4. This President signed a bill allowing use of the line-item veto that was later overturned. The AmeriCorps program was created during this man's presidency. Members of this man's cabinet included Robert Reich and Warren Christopher, the latter of whom helped to broker the Oslo Accords. This President appointed Stephen Breyer to the Supreme Court. This man approved the "don't ask, don't tell" policy in the army. For 10 points, name this President whose tenure was marked by the Whitewater and the Lewinsky scandals, and whose wife is the current Secretary of State.

ANSWER: William Jefferson **Clinton**

038-10-14-03104

5. The Imperial Colors Incident was a failed uprising against this ruler. This man was the son of Taisho, and during one war this ruler's country was led by Prime Minister Tojo. During his reign, the Mukden and Marco Polo Bridge incidents happened. A failed military coup attempted to destroy a "jewel record" of this man announcing his country's unconditional surrender after Bock's Car and the Enola Gay dropped nuclear weapons on his nation. For 10 points, name this Emperor of Japan during World War Two.

ANSWER: **Hirohito**

021-10-14-03105

6. At one point in this novel, the protagonist plays jazz at the club Onion Cellar. Earlier, the protagonist of this work claims that he is Jesus and leads the Dusters in stealing government supplies from offices. In this work, Agnes dies from eating fish obsessively and Alfred dies by swallowing a Nazi party pin. Like the clown Bebra, the protagonist of this work refuses to grow past age three remains a dwarf. For 10 points, Oskar Matzerath constantly holds the title instrument in what first work of the Danzig Trilogy, written by Günter Grass?

ANSWER: *The Tin Drum* [*Die Blechtrommel*]

034-10-14-03106

7. Playfair's Postulate states that, given a point and a line, only one object with this property can be constructed. That postulate is logically equivalent to Euclid's fifth postulate, which is sometimes named after this property. Corresponding angles are equal if the transverse line generating them intersects two lines with this property. This property is exhibited by two lines that have the same slope but different intercepts. For 10 points, give this property that is exhibited by any two coplanar lines that do not intersect.

ANSWER: parallelity

003-10-14-03107

8. The Treaty of Kiel ceded this country to Sweden. This country's king Harold Hardrada lost the Battle of Stamford Bridge. This country was traditionally ruled by kings named Haakon. This nation was converted to Christianity under its king St. Olaf. During World War II, this country was led by the Nazi collaborator Vidkun Quisling. For 10 points, name this Scandinavian country whose capital is Oslo.

ANSWER: Kingdom of Norway [or Kongeriket Norge]

004-10-14-03108

9. This man portayed the role of Rodolfo in his debuts in Vienna, London, Milan, and New York. His portrayal of Tonio in *The Daughter of the Regiment* earned him the title "King of the High Cs." His last public appearance was at the 2006 Winter Olympics, where the crowd sang the chorus of Puccini's *Nessun Dorma*. He became world famous by performing in a trio with Placido Domingo and Jose Carreras. For 10 points, name this Italian member of the Three Tenors.

ANSWER: Luciano Pavarotti

047-10-14-03109

10. This rebellion was sparked by a Doeg raid on the farm of Thomas Matthews. John Ingram led the rebels in this conflict once its leader died of dysentery. This rebellion was ended by the Treaty of Middle Plantation after Governor William Berkeley finally regained control of the colony. In this rebellion, disgruntled frontiersman took up arms against Native Americans and burned the capital of Jamestown. For 10 points, name this rebellion led by the namesake member of the House of Burgesses in 1676 in Virginia.

ANSWER: Bacon's Rebellion

035-10-14-03110

11. One composer from this country wrote a piece subtitled "An Oriental Fantasy." Another man composed a Black Mass Sonata and a White Mass Sonata. *The Scythian Suite* was composed by a man from here, as well as a piece in which Emperor Paul demands that Lieutenant Kije be brought to him. *Islamey* is a work by a composer from this country, which is also home to the composers of *In the Steppes of Central Asia* and a certain "Eastern Festival Overture." For 10 points, name this country home to Alexander Borodin and Nikolai Rimsky-Korsakov.

ANSWER: Russia

033-10-14-03111

12. Neil Bartlett created the hexafluoroplatinate (HEX-uh-FLOOR-oh-PLAT-in-ate) of one element in this family, which was the first compound using a member of this family to violate the octet rule. The only known radioactive element in this family is the leading cause of lung cancer to non-smokers. These elements are defined as having a full electron shell, leading to their relative inertness. For 10 points, name this group found at the extreme right of the Periodic Table, which includes xenon and radon.

ANSWER: **noble gases** [or Group **18**; or Group **VIIIA** (eight-A); or **inert gases** before "inertness"]

003-10-14-03112

13. Bayard (BAY-urd) Rustin was responsible for organizing the logistics of this event. John Lewis, the youngest person to speak at this event, controversially criticized John F. Kennedy in his speech. The most famous speech given at this event mentioned coming to this event's location to "cash a check" and expressed hope that "this nation will rise up and live out the true meaning of its creed." For 10 points, name this 1963 protest rally "for Jobs and Freedom" that featured Martin Luther King's "I Have a Dream" speech, which took place at the Lincoln Memorial.

ANSWER: the 1963 **March on Washington** for Jobs and Freedom

038-10-14-03113

14. This author instructed the title character to "go to the Western gate" in his poem "Luke Havergal." This creator of the fictional Tilbury Town wrote of a man who was "born too late" and "coughed, and called it fate, and kept on drinking." In addition to that poem about a "child of scorn," this poet wrote about a man observed by the "people on the pavement" whenever he went downtown. That character created by this man inexplicably "went home and put a bullet through his head." For 10 points, name this American poet, the creator of "Miniver Cheevy" and "Richard Cory."

ANSWER: Edwin Arlington **Robinson**

025-10-14-03114

15. The title character of this work drew a picture of a boa constrictor that ate an elephant that adults view as a hat. A fox in this work informs the title character that he must be tamed before he can be a friend, and a talking rose prompts the main character to go on a journey. The title character of this work is a native of planet B612 and is taken to other worlds by a flock of birds. For 10 points, name this work about a diminutive monarch by Antoine de Saint-Exupery.

ANSWER: *The **Little Prince*** [or *Le **Petit Prince***]

030-10-14-03115

16. People with this disease often suffer from Kaposi's (kuh-"POSE"-eez) sarcoma. When first discovered, this disease was called GRID, which was an acronym describing the population it was then most prevalently discovered in. This disease can be treated with HAART, a cocktail of multiple anti-viral drugs. This disease attacks helper T cells, leading to a weakening of the immune system. For 10 points, name this disease caused by the human immunodeficiency virus, or HIV.

ANSWER: **AIDS** [or **Acquired Immune Deficiency Syndrome**; prompt on **GRID** before mentioned; prompt on **Gay-Related Immune Deficiency** before "GRID"; do not prompt on or accept "HIV"]

021-10-14-03116

17. In Australia, this food item is stuffed with oysters to form a dish called "Carpetbag." Another variant of this food item is eaten mostly in Scotland and is called the Pope's Eye. Controversy exists over whether this food can properly be used to make Chateaubriand (SHAT-oh-bree-AHND). Most Mexican dishes that are based on this food employ its "skirt" variety. The filet mignon is included in the Porterhouse or T-bone kind of this food. For 10 points, identify this cut of beef, which can be combined with lobster or shrimp in a "surf and turf."

ANSWER: **steak**

019-10-14-03117

18. This man dialogued with Hulrych Zwingli (ULL-rick ZWING-lee) at the Marburg Colloquy. This man was protected by Frederick the Wise and Phillip of Hesse. This man created the first German translation of the Bible. This man debated Johann Tetzel after Tetzel visited this man's hometown. This man was called by Holy Roman Emperor Charles V to the Diet of Worms (VORMS). This man was a friend of Philip Melanchthon (muh-LANCH-thon). This man attacked the idea of indulgences when he posted his *The Ninety-Five Theses* on the church door of Wittenberg. For 10 points, name this early leader of the Protestant Reformation.

ANSWER: Martin **Luther**

015-10-14-03118

19. This country's southwest is the autonomous province of Ajaria. The northwestern extension of this country is another ethnic enclave called Abkhazia. The most recent area of contention in this country is a region in its central north centered on Tshkinvali, where forces from this country fought with Russian troops in the fall of 2008. This country, which claims control over the breakaway region of South Ossetia, is a Caucasian state that borders Azerbaijan, Armenia, Turkey, Russia, and the Black Sea. For 10 points, name this country that shares its name with a U.S. state.

ANSWER: Republic of **Georgia** [or **Sakartvelo**s Respublika]

019-10-14-03119

20. Production of this hormone is stimulated by FSH and LH. Replacement therapies for this hormone may lead to higher levels of breast cancer and stroke. The contraceptive Depo-Provera (DEP-oh-pro-VAIR-uh) notably does not contain this hormone. Osteoporosis in older women is in part caused by a deficiency of this type of sex hormone, which promotes breast development and ovulation. For 10 points, name this class of female sex hormone.

ANSWER: **estrogen**

032-10-14-03120

1. This leader, who was born at Tintagel Castle, was raised by Ector because he was conceived out of wedlock. He left for the Isle of Avalon to heal his wounds after fighting his son Mordred at the Battle of Camlan. After his struggle against Carmelide, he married that king's daughter Guinevere despite Merlin's warnings. For 10 points, Camelot belonged to what son of Igraine and Uther Pendragon, who wielded the sword Excalibur and led the Knights of the Round Table?

ANSWER: King **Arthur**

034-10-14-03121

2. Animals extant during this period include *Edaphosaurus* and *Dimetrodon*, and the dominant lifeforms during this period were therapsids, the direct ancestors of mammals. Gymnosperms became the dominant form of plant life during this period. During this period, the supercontinent of Pangaea was formed. This was the last period of the Paleozoic Era. For 10 points, name this period lasting from approximately 290 to 248 million years ago, which ended with the largest mass extinction ever recorded on Earth.

ANSWER: **Permian** Period

003-10-14-03122

3. This man fought Argentina's dictator Juan Manuel de Rosas as the leader of the Uruguayan navy. During the U.S. Civil War, Abraham Lincoln offered this man a Union command. Following the treaty of Villafranca di Veroni, this man became an enemy of Camillo di Cavour. This man led the Expedition of the Thousand in his conquest of Sicily. For 10 points, name this leading figure of the Risorgimento, who led the Red Shirts in his efforts to unify Italy.

ANSWER: Giuseppe **Garibaldi**

030-10-14-03123

4. This woman wrote a book in which Pearl learns that Jimmie Louie isn't her biological father, *The Kitchen God's Wife*. Another of her works follows a group of tourists who vanished while in Burma and is narrated by the dead tour guide Bibi Chen, *Saving Fish From Drowning*. Her most famous work tells of a daughter who tries to replace her dead mother in the titular group of four Chinese immigrant women. For 10 points, name this Chinese-American author of *The Joy Luck Club*.

ANSWER: Amy **Tan**

032-10-14-03124

5. This author wrote a novel that begins and ends in the middle of the same sentence. Another of this man's novels opens with a lullaby about a moocow that meets Baby Tuckoo. This author wrote about Gabriel Conroy's realization about his wife Gretta in his short story "The Dead." He created the character Buck Mulligan in a novel that features a Jewish businessman who is cuckolded by Molly. For 10 points, name this author of *Finnegans Wake*, *A Portrait of the Artist as a Young Man*, *Dubliners*, and a book about Leopold Bloom, *Ulysses*.

ANSWER: James Augustine Aloysius **Joyce**

027-10-14-03125

6. The First Letter to the Corinthians states that this figure was the first to see Jesus risen. In Matthew, this figure attempted to imitate Jesus by walking on water, but failed. This man argued with Paul over the importance of circumcision for Christians. This man asked Jesus to wash not only his feet but his also head and hands before the Last Supper, and he was called a "fisher of men" along with his brother, Andrew. For 10 points, name this apostle who betrayed Jesus three times and was "rock" upon which Jesus built his Church, the first pope.

ANSWER: Simon **Peter** [or **Petros**; or **Cephas**; or **Kephas**]

005-10-14-03126

7. This figure seduced Leuce (LAY-woo-kay) and then transformed her into a white poplar tree. According to *The Iliad*, Heracles wounded this man at Pylos. In one myth, this man allowed Eurydice (you-RE-de-see) to leave his realm, but only on the condition that Orpheus not look back until they reached the surface. With his brothers, Poseidon and Zeus, this man defeated the Titans. His namesake realm was guarded by Cerberus and bordered by the river Styx (sticks). For 10 points, name this Greek god of the underworld.

ANSWER: **Hades**

005-10-14-03127

8. In one poem, this author called science the "true daughter of old time." This author also wrote the poem "The Conqueror Worm," which appears in his story in which Lady Rowena becomes the title character, "Ligeia." In another story by this man, Montresor describes how he got his revenge on Fortunato. Several of his stories feature the detective C. Auguste Dupin, including "The Purloined Letter." For 10 points, name this American writer known for such poems as "Lenore" and "The Raven."

ANSWER: Edgar Allan **Poe**

024-10-14-03128

9. This organism's teeth were described as "lethal bananas" rather than the typical flat blades seen in other contemporary carnivorous animals. Fossils of this organism have been almost exclusively confined to western North America, though a similar species, *Tarbosaurus bataar* (TAR-bo-SOR-us buh-TAR), was discovered in the Gobi Desert. In 2007, a collagen sample from this relative of Albertosaurus was found to be homologous to that of chickens. For 10 points, name this largest-known terrestrial carnivore.

ANSWER: **Tyrannosaurus** *rex* [or **T. rex**]

003-10-14-03129

10. Projects like LIGO are searching for hypothetical waves caused by this force. The Standard Model predicts that this force is carried by a massless, spin-2 particle, though it has yet to be observed. Unlike the other fundamental forces, this one cannot be renormalized in quantum field theory, leading to alternate theories of its operation like string theory. The principle of equivalence says that the effects of this force are indistinguishable from acceleration. For 10 points, name this force described by general relativity, the attraction that occurs between any two massive objects.

ANSWER: **gravity**

028-10-14-03130

1. A "complete" form of this phenomenon is known as the Meissner effect. For 10 points each:
[10] Name this phenomenon, in which a material reacts in the presence of an external magnetic field to create another opposing field.

ANSWER: **diamagnetism** [accept word forms]

[10] Diamagnetism is particularly strong in these materials, which display zero resistance, allowing current to flow through them remarkably easily.

ANSWER: **superconductors**

[10] Diamagnetism is used for real-life implementations of this effect, in which objects float above the ground with no physical support. High-speed trains employ this technique, and parlor-trick magicians create the illusion of this effect.

ANSWER: **levitation** [accept word forms]

022-10-14-03101

2. In this satirical work written by a certain "Monsieur le docteur Ralph," the title character flees to Paraguay after the Lisbon earthquake.

[5] Name this work, in which Pangloss maintains his optimism despite being hanged for heresy and getting syphilis.

ANSWER: ***Candide, ou l'Optimisme***

[15] *Candide* is a major work of this French Enlightenment writer, who also wrote about the Babylonian philosopher Zadiq.

ANSWER: **Voltaire** [accept Francois Marie **Arouet**]

[15] At the end of the novella, Candide settles down happily to tend his garden with this hideous girlfriend, whom he rescued by killing Don Issachar and the Grand Inquisitor.

ANSWER: **Cunégonde**

[20] Voltaire also wrote one of the first science-fiction stories, a 1752 tale about this twelve-thousand-foot alien from the Sirius system who comes to Earth chiefly for the purpose of mocking Voltaire's theological opponent William Derham.

ANSWER: **Micromegas**

034-10-14-03102

3. John Harlan's dissent in this case insisted that the "Constitution is color-blind."

[5] Name this 1896 case which upheld a law creating separate train compartments for blacks and whites, effectively legalizing segregation for over fifty years.

ANSWER: ***Plessy v. Ferguson***

[10] The decision in *Plessy v. Ferguson* was overturned by this 1954 case, which urged the desegregation of public schools "with all deliberate speed."

ANSWER: ***Brown v. Board of Education of Topeka***

[15] This 1967 case further eroded legal segregation by striking down a state law which prohibited interracial marriage.

ANSWER: ***Loving v. Virginia***

[20] Another important case in desegregation history was a 1971 ruling permitting the use of mandatory busing to create racial diversity, which was named for James Swann's suit against this city.

ANSWER: ***Charlotte***, North Carolina

004-10-14-03103

4. The composer used texts from Revelations and Prophets for this work, as in the tenor aria "Every valley shall be exalted."

[5] Name this oratorio with a famous "Hallelujah" chorus.

ANSWER: **The Messiah**

[10] This composer of *The Messiah* also wrote *Zadok the Priest*, a coronation anthem for King George II.

ANSWER: Georg Friedrich **Handel**

[15] Handel composed this suite in honor of George I's procession on the River Thames. It includes "Air" and "Hornpipe" movements.

ANSWER: **Water Music**

[20] Many of Handel's operas premiered at the Royal Opera House, which was known informally by this name of the surrounding neighborhood ever since its redesign by Inigo Jones.

ANSWER: **Covent Garden**

032-10-14-03104

NUMBERS
PIRATES
SPELLING
SEVEN

NUMBERS

Some answers in this round include numbers. Other answers contain clues that mention numbers.

[10] This king of England succumbed to madness after the American colonies won independence from his rule.

ANSWER: **George III** [prompt on **George**]

[10] This modernist author of *Three Lives* wrote a fictional biography of her longtime partner Alice B. Toklas.

ANSWER: Gertrude **Stein**

[10] This artist painted an unusual self portrait depicting him with seven fingers, as well as *I And the Village*.

ANSWER: Marc **Chagall**

[10] Negative two hundred seventy three point fifteen degrees Celsius is equivalent to this coldest possible temperature.

ANSWER: **absolute zero** [or **zero degrees Kelvin**]

[10] This hero killed the Hydra and cleaned the Augean stables as part of his twelve labors for King Eurystheus.

ANSWER: **Hercules** [or **Heracles**]

[10] This detective solves mysteries in the novels *The Sign of Four* and *A Study in Scarlet*.

ANSWER: Sherlock **Holmes**

[10] This is the number of degrees in the internal angle of a pentagon.

ANSWER: **one hundred and eight**

[10] This last of the Five Good Emperors was succeeded by his son Commodus and advocated Stoicism in his *Meditations*.

ANSWER: **Marcus Aurelius**

[10] According to the Gospel of Matthew, Judas Iscariot betrays Jesus in exchange for this many pieces of silver.

ANSWER: **thirty**

[10] This massive dam on the Yangtze River was completed in 2008, and is currently the largest hydroelectric plant in the world.

ANSWER: **Three Gorges** Dam [or **San Xia** Dam]

004-10-14-0310-3

PIRATES

[10] Ragnar Danneskjold is a pirate in this novel featuring executive Dagny Taggart.

ANSWER: Atlas Shrugged

[10] *The Pirate* is also a novel by this author of *Ivanhoe* and *Waverly*.

ANSWER: Sir Walter Scott

[10] This English pirate attacked Spanish forces at Maracaibo and Panama while operating out of Port Royal.

ANSWER: Henry Morgan

[10] This other English pirate circumnavigated the globe in *The Golden Hind*.

ANSWER: Francis Drake

[10] Black gunpowder used by pirates contained the sodium salt of this polyatomic ion with formula NO₃⁻.

ANSWER: nitrate

[10] Pirate ships can stay afloat due to this principle that states a floating object displaces its own weight of the fluid it is in.

ANSWER: Archimedes principle

[10] *The Pirates of Penzance* is a comic opera with music and libretto by this duo who also worked on *The Mikado* and *HMS Pinafore*.

ANSWER: W.S. Gilbert and Arthur Sullivan

[10] This Greek god of the theater turned a group of pirates into dolphins.

ANSWER: Dionysus [do not accept "Bacchus"]

[10] Goods smuggled by pirates are an example of this sector of an economy not regulated by the government.

ANSWER: informal sector

[10] Piracy has been a major problem in this East African nation with capital at Mogadishu.

ANSWER: Somalia

064-10-14-0310-3

SPELLING

All of the answers in this category are taken from the 2010 New Zealand Vegemite Spelling Bee Word List. No, you do not have to spell them.

[10] What literary term refers to the repetition of sounds within a phrase or sentence, and can be divided into consonance and assonance?

ANSWER: **alliteration**

[10] Rudyard Kipling's Kim O'Hara, and Harvey Birch, the title character of an early James Fenimore Cooper novel, are in what line of work also seen in John le Carre novels?

ANSWER: **espionage** [accept reasonable equivalents such as **spying**]

[10] What school of philosophy preaches that its namesake doctrine "precedes essence"? Its proponents include Jean-Paul Sartre.

ANSWER: **existentialism**

[10] Max Wertheimer, Wolfgang Kohler, and Kurt Koffka were members of what school of psychology, which studies how humans perceive an object as a whole instead of made from individual parts?

ANSWER: **Gestalt**

[10] What is the term for a triangle in which two of the sides are the same length and the third side is a different length?

ANSWER: **isosceles**

[10] Name the type of secular, polyphonic vocal chamber music that began in fourteenth-century Italy and was rediscovered in Elizabethan England. Its name has since been appropriated to describe a choir that specializes in a capella music.

ANSWER: **madrigal**

[10] The Sea of Azov connects the Black Sea to what other large sea?

ANSWER: **Mediterranean** Sea

[10] Charles Guiteau claimed to be a member of what political faction after assassinating James Garfield? These Republicans were led by Roscoe Conkling and opposed the Half-Breeds.

ANSWER: **Stalwarts**

[10] An 1828 act of what type, which taxes imports, was known as the one "of Abominations" and led to the nullification crisis?

ANSWER: **tariff** [or **Tariff of Abominations**]

[10] What is the derivative of position with respect to time? It is the vector analog of speed.

ANSWER: **velocity**

003-10-14-0310-3

SEVEN

[10] This mystery writer wrote *The Seven Dials Mystery* and also created Hercule Poirot and Miss Marple.

ANSWER: Agatha **Christie**

[10] This author referred to African Americans as the “seventh son” in his book *The Souls of Black Folk*.

ANSWER: W.E.B. **Du Bois** [Du-BOYS]

[10] There are seven of these mostly unsolved mathematical problems, which were formally stated in the year 2000.

ANSWER: **Millennium Prize** Problems

[10] The Seven Sisters is another name for this star cluster located in the constellation Taurus.

ANSWER: **Pleiades**

[10] *Seven Pillars of Wisdom* is a book by this British adventurer who spent time in Arabia during World War I.

ANSWER: T.E. **Lawrence** [accept **Lawrence** of Arabia]

[10] One of the ancient Seven Wonders was a lighthouse located at this Egyptian city.

ANSWER: **Alexandria**

[10] In this Biblical book, the Israelites walk around Jericho for seven days under the direction of the book’s namesake, the successor to Moses.

ANSWER: **Joshua**

[10] This mythical Irish hero has seven fingers on each hand. He is the hero of the Cattle Raid of Cooley.

ANSWER: **Cu Chulainn**

[10] There are seven divisions of this region of Spain and France in the Pyrenees. The ETA is a separatist group associated with this region.

ANSWER: **Basque** Country

[10] *Seven Against Thebes* was written by this ancient Greek playwright, the father of tragedy, who also wrote *Prometheus Bound*.

ANSWER: **Aeschylus**

052-10-14-0310-3

1. This precious stone typically displays needle-like intrusions of rutile, and like common mimicks of diamond, this mineral is produced in large scales by the Verneuil process. Synthetic rods of this precious stone are used as a gain medium in some lasers. Its characteristic color comes from chromium, and its most valuable shade is called pidgeon's blood. For 20 points, name this mineral of Mohs hardness nine, the red form of corundum.

ANSWER: **ruby** [accept **corundum** before mentioned]

022-10-14-03101

2. He summarized his beliefs in the *Encyclopedia of the Philosophical Sciences*. He wrote about the doctrine of being and doctrine of essence in *The Science of Logic*. He set out his political philosophy in *Elements of the Philosophy of Right*. He postulated that the tension between a thesis and its antithesis results in a synthesis in his namesake dialectic. For 20 points, name this German Enlightenment philosopher who wrote *Phenomenology of Spirit*.

ANSWER: Georg Wilhelm Friedrich **Hegel**

024-10-14-03102

3. This author's newest novel is about a private detective who travels to the lost continent of Lemuria from the fictional California town of Gordita Beach, named Doc Sportello. In an earlier novel by this man, a secret postal system called WASTE is run by Pierce Inverarity, whose death leads Oedipa Maas to attend the titular auction. In addition to writing *Inherent Vice* and *The Crying of Lot 49*, this author described Tyrone Slothrop's search for the V-2 rocket in another novel. For 20 points, name this reclusive author.

ANSWER: Thomas Ruggles **Pynchon**, Jr.

019-10-14-03103

4. The title character of this play claims that Saturninus's words are "razors to my wounded heart." In this play, Lavinia is raped and her tongue and hands cut off to prevent her from identifying the guilty parties, who are later baked into a pie. The title character of this play captures a Gothic queen and executes her son Alarbus, incurring her vengeance. That queen, Tamora, is the lover of Aaron the Moor. For 20 points, name this Shakespeare tragedy about a vengeful general.

ANSWER: **Titus Andronicus**

045-10-14-03104

5. In one convention held in this city, the "voice from the sewer" helped nominate Franklin D. Roosevelt for a third term. Abraham Ribicoff (RIH-bi-koff) denounced the "Gestapo tactics on the streets" of this city during another convention. During that convention, the Justice Department arrested a group, including Jerry Rubin and Abbie Hoffman, known as this city's namesake "Seven." For 20 points, name this site of the 1968 Democratic National Convention, where massive protests were met with violence from policemen working for its mayor, Richard J. Daley.

ANSWER: **Chicago**

004-10-14-03105

6. A claim that the government of this state was "non-republican" was denied in *Luther v. Borden*. Agitation over the fact that this state's constitution only allowed land-owners to vote turned into a 1841 rebellion in this state led by Thomas Dorr. The founder of the colony that became this state wrote *The Bloody Tenent of Persecution*. Anne Hutchinson led one group that settled in this state. For 20 points, name this state, that was founded as a center of religious freedom by Roger Williams.

ANSWER: **Rhode Island**

028-10-14-03106

7. One character in this novel is an African-American doctor named Benedict Copeland. In this work, the socialist Jake Blount eats all of his meals at the New York Café, which is owned by Biff Brannon. Other characters in this novel include Mick Kelly, who takes a job at Woolworth. That main character of this work kills himself after the death of his friend Spiros Antonopoulos. This novel begins by noting that "In the town there were two mutes, and they were always together." For 20 points, name this novel about John Singer, written by Carson McCullers.

ANSWER: *The **Heart is a Lonely Hunter***

025-10-14-03107

8. This dynasty took full control after its first leader won the Battle of Gaixia (gay-ZEE-uh) against Xiang Yu, the leader of the Chu state. The Trung sisters in Vietnam fought against this dynasty, which was interrupted by the Xin Dynasty of Wang Mang. During this dynasty, Sima Qian compiled *The Records of the Grand Historian*, and this dynasty reached its greatest territorial extent under Wudi. For 20 points, name this early Chinese dynasty founded by Liu Bang following the collapse of the Qin Dynasty.

ANSWER: **Han** Dynasty

036-10-14-03108

9. PSI+, one of these structures in yeast, may be evolutionarily beneficial. The creation of these entities is related to gene CD230, which is located on the short arm of chromosome 20. PrP becomes mutated in diseases related to these entities, and they can create tissue deposits that resemble amyloidosis (AM-ill-oy-DOSE-iss). They cause diseases like kuru, scrapie, and Creutzfeld-Jakob (KROYTZ-feld JAY-kob) disease. For 20 points, name these misfolded proteins.

ANSWER: **prions** [or **proteinaceous infectious agent**]

026-10-14-03109

10. Compounds exhibiting this property tend to have $4n + 2$ pi electrons, according to a rule named for Huckel. Specific compounds that exhibit this property include coronene (KOR-oh-noon) and naphthalenes (NAP-thull-eenz). Compounds with the homo- variety of this property exhibit it despite an sp^2 carbon that interrupts electron delocalization (de-LO-kull-ih-ZAY-shun) across a ring. For 20 points, name this property in which systems of pi bonds are stabilized by bond conjugation, seen in benzene (BEN-zeen) and the namesake smelly compounds.

ANSWER: **aromaticity**

032-10-14-03110

11. The author of *Report on Degrading Punishments*, this man was given the nickname "Monkey of Mirabeau's" by the royalist press. This man opposed Jacques-Rene Hebert's Church of Reason. This leader unsuccessfully attempted suicide at the Hotel de Ville. This man was nicknamed "the Incorruptible." For 20 points, name this leader of the Committee of Public Safety and the Reign of Terror during the French Revolution, who was overthrown in the Thermidorian Reaction and guillotined.

ANSWER: Maximilien François Marie Isidore de **Robespierre**

030-10-14-03111

12. One of this composer's piano works closes with a march of the fictional "Davidsbündler" [day-vids-BOON-dler] league and spells A-S-C-H in a recurring motif. This man composed the opera *Genoveva* and the song cycle *Dichterliebe*. [DICK-ter-lee-uh] This composer wrote the piano works *Scenes from Childhood* and *Kreisleriana*, [KRICE-ler-ee-ah-nuh] which his wife Clara performed. This man's Third Symphony in E Flat major depicts the Cologne Cathedral and is nicknamed "Rhenish." [RENN-ish] For 20 points, name this composer of *Carnaval* and the "Spring" Symphony.

ANSWER: Robert **Schumann**

012-10-14-03112

1. Computer graphics specialist Henrik Jensen developed a mapping algorithm that depicts this phenomenon more realistically. Depth of field is accounted for when trying to model the effects of this phenomenon in the ray tracing algorithm. For 10 points, name this phenomenon whose accurate depiction in computer science is necessary for photorealism.

ANSWER: **light**

033-10-14-03131

2. Robert K. Merton attempted to explain this phenomenon by applying a concept earlier used to discuss suicide. In addition to Merton's use of "anomie" to explain this behavior through "strain theory," it can be explained by control theory or social learning theory. In the U.S., this phenomenon is catalogued in "Uniform Reports" by the FBI. Many international organs are concerned with the kind of this behavior that is defined as "against humanity." For 10 points, name this social phenomenon, which can be a felony or a misdemeanor.

ANSWER: **crime**

019-10-14-03132

3. Along with table salt, ammonia, and carbon dioxide, this compound is an input in the Solvay (SOL-VAY) process. It is a byproduct of the Ostwald process used to make nitric acid, and this compound notably has explosive reactions with several pure alkali metals. Combustion of hydrocarbons produces carbon dioxide and this compound, which reacts with strong acids to form hydronium (hy-DRO-nee-um) ions. For 10 points, name this compound sometimes jokingly referred to as "dihydrogen monoxide" (dye-"HIGH"-dro-jen muh-NOX-ide).

ANSWER: **water** [or **H₂O**]

003-10-14-03133