



1. At St. Augustine's Church, this organization initiated its Free Breakfast for Children program. One leader of this organization described how he raped women as an act of rebellion in his book *Soul on Ice*. This group used the phrase "What We Want What We Believe" to preface their Ten-Point program. This organization was led for a time by Eldridge Cleaver and was founded by Huey Newton and Bobby Seale in Oakland. For 10 points, name this radical black nationalist organization.

ANSWER: **Black Panther** Party for Self-Defense

020-13-84-06101

2. In one song by this recording artist, he hopes that a new person "buys you flowers" and "gives you all his hours," which are some of the things the singer "should have done" during the title time period. Another hit single by this singer says "open up your gates 'cause I can't wait to see the light." Name this Hawaiian-born singer whose album *Unorthodox Jukebox* includes the singles "When I Was Your Man" and "Locked Out of Heaven."

ANSWER: Bruno **Mars** [or Peter Gene **Hernandez**]

023-13-84-06102

3. This prime minister gave police better riot control equipment after the Brixton Riots. Controversial actions by this leader include letting Bobby Sands die in an IRA hunger strike and implementing a poll tax called the "community charge." Succeeded by John Major, this prime minister privatized state-owned companies like British Steel. This leader also won the Falklands War and worked closely with Ronald Reagan. Name this "Iron Lady," the only female prime minister of the UK.

ANSWER: Margaret Hilda **Thatcher** [or Margaret Hilda **Roberts**]

080-13-84-06103

4. A leader of this country attempted to conspire with Queen Victoria to battle Islam; that leader of this country was Tewodros II. The Declaration of Socialism was made by a ruling junta known as the Derg in this country in 1974. In the 1896 Battle of Adowa, Menelik II of this nation embarrassed a European power. This country became part of Italian East Africa after a 1934 invasion. Name this East African nation that Haile Selassie ruled from Addis Ababa.

ANSWER: Federal Democratic Republic of **Ethiopia** [or **Ityop'iya** Federalawi Demokrasiyawi Ripeblik]

030-13-84-06104

5. One literary work in this genre was written as a sequel to one by Matteo Maria Boiardo, and includes Astolfo's trip to the moon to recover the title character's wits. Besides Ludovico Ariosto's *Orlando Furioso*, other works in this genre include one in which Alde dies of grief after the title character is killed at Roncesvalles. Another work in this genre begins by asking a goddess to sing of the rage of Achilles. Name this type of narrative poem exemplified by *The Song of Roland* and the *Iliad*.

ANSWER: **epic** poems [or **epics**]

014-13-84-06105

6. This song was the basis for Germany's first national anthem, Norway's royal anthem, and Lichtenstein's current national anthem. This song's lyrics declare, "Confound their politics, frustrate their knavish tricks" after a request to "scatter her enemies;" it also expresses desire that the title character be "happy and glorious, long to reign over us." Samuel Smith used its music as the tune for "My Country 'Tis of Thee." Name this national anthem of the United Kingdom, which requests a blessing on Elizabeth II.

ANSWER: "**God Save the Queen**" [or "**God Save the King**"]

080-13-84-06106

7. These people paid a namesake "rent" of a penny per month to support an organization advocating for their political rights. The Duke of Wellington's government allied with Robert Peel to revoke the Test Act, allowing these people to serve in Parliament. Daniel O'Connell led the campaign for the "emancipation" of this group. What religious group was suppressed in British politics after Henry VIII formed the Anglican church?

ANSWER: **Catholics** in the United Kingdom

019-13-84-06107

8. This scientist invented an analog computer called the Monte Carlo trolley in order to facilitate his studies of neutron transport, and charged particles reflected off a magnetic mirror undergo his namesake acceleration. Perturbation theory uses his "golden rule." A facility named for him is the location of the DZero and CDF experiments, which discovered the top quark in 1995. That facility, which is home to the Tevatron particle accelerator, is located in Batavia, Illinois. Particles named for this man have half-integer spin and include leptons and quarks. Identify this Italian-American physicist.

ANSWER: Enrico **Fermi**

189-13-84-06108

9. This man found more time to write after colony-taxer Charles Townshend hired him as a tutor. He argued that the "impartial spectator" inside each person judges actions in his *Theory of Moral Sentiments*. In another book, he explained that a factory produced forty-eight thousand pins per day due to the division of labor and that economic self-interest guides society through the "invisible hand." Name this philosopher who wrote the anti-mercantilist *The Wealth of Nations*.

ANSWER: Adam **Smith**

019-13-84-06109

10. Pablo Picasso painted a series of 58 reinterpretations of this work, the basis for John Singer Sargent's *The Daughters of Edward Darley Boit*. In this painting, a mirror on the back wall reflects King Philip IV and his queen, and the artist himself is wearing the red cross of the Order of Santiago while working. Two dwarves, a mastiff, and the title characters surround the Infanta Margarita in this painting. Name this Diego Velazquez painting set in the court of Spain.

ANSWER: **Las Meninas** [or *The Maids of Honour*]

080-13-84-06110

11. During this battle, John French moved in with the British Expeditionary Force after Allied reconnaissance planes discovered a 30-mile gap between the German First and Second armies. The losing side in this battle retreated 40 miles before successfully entrenching themselves at the Aisne River. The French line at this battle was saved when Joseph Gallieni sent 6,000 reinforcement troops to the front in taxicabs. After losing this battle, Germany had to abandon the Schlieffen Plan. Name this 1914 World War I battle that pushed back the initial German march towards Paris.

ANSWER: **First** Battle of the **Marne** [prompt on Battle of the **Marne**]

080-13-84-06111

12. A Joan Miro painting shows one of these animals attempting to communicate with the moon. A frame-by-frame view of one of these animals with a woman is shown in Giacomo Balla's painting of their "Dynamism." One of them is on the bed in Titian's *Venus of Urbino*, and one of these animals sits at the feet of the bride in Jan van Eyck's *Arnolfini Wedding*. Name these animals who, in a series by C. M. Coolidge, play poker.

ANSWER: **dogs** [or equivalents such as **hound**s or **canines**]

030-13-84-06112

13. The Supreme Court found that this company's Tellico project violated the ESA by endangering the snail darter in this company's case versus Hill. This company's original three-person board consisted of Harcourt Morgan, Arthur Morgan, and David Lilienthal. This company was created because of the lobbying of George Norris, who wanted to develop the area around Muscle Shoals. Name this government-owned corporation created during the New Deal to establish hydroelectric dams on its namesake river.

ANSWER: **Tennessee Valley Authority** [or **TVA**]

080-13-84-06113

14. This composer wrote a despairing letter to his brothers called the Heiligenstadt (HI-luh-gunsh-tot) Testament. This man directed pianists to hold the pedal down for the entirety of the first movement of a sonata that Ludwig Rellstab nicknamed. That sonata by this man reminded Rellstab of night at Lake Lucerne. Another work for piano by this composer was titled "For Elise." Name this German composer who wrote the *Moonlight Sonata* and continued to conduct after going deaf.

ANSWER: Ludwig van **Beethoven**

023-13-84-06114

15. The keyword `auto` is used with these things. These things can be passed to functions using the strategies call-by-value or call-by-reference. Camel case and Hungarian notation are two ways to name these things. When they are only available inside certain functions, instead of globally, their scope is said to be local. Statically typed languages require that these things have their type identified when they are declared; those types include `int` and `float`. Identify these storage locations for data that have a symbolic name.

ANSWER: **variables**

066-13-84-06115

16. This man thinks it ominous that the innkeeper of the place he is staying at is named Peter Coffin, and Peleg is unimpressed by his service in the merchant service. At the Spouter-Inn, he tries to convince his roommate of the foolishness of fasting during Ramadan. Elijah warns this man and that roommate that their souls are in peril after they agree to ship with a certain vessel. By holding on to a coffin that was originally a small boat, this sailor is the only man to survive the sinking of the *Pequod*. Name this narrator of *Moby-Dick*.

ANSWER: **Ishmael** [prompt on the **narrator of Moby-Dick** until it is read]

121-13-84-06116

17. This man cropped out everything but the frightened faces of a couple in a close-up of a torn movie poster. This artist hid a camera underneath his coat to secretly photograph people on the New York Subway, releasing those photos in the volume *Many Are Called*. He took a picture of Allie Mae Burroughs with an expressionless face in front of a house. He did his best-known work to help on an article for *Fortune* written by James Agee. Name this photographer who depicted Alabama families enduring the Great Depression in *Let Us Now Praise Famous Men*.

ANSWER: Walker **Evans**

080-13-84-06117

18. The discoverer of these functions is John Napier. This function of a root of  $x$  is equal to this function of  $x$  divided by the order of the root. Without a horizontal shift, these functions all possess a vertical asymptote at  $x$  equals zero. This function of a quotient is equal to this function of the numerator minus this function of the denominator.  $e$  is the base of the "natural" one of these functions, written as  $\ln(LN)$ . Ones that do not specify a base are assumed to be base 10. For 10 points, name these functions which can be thought of as reverse exponents.

ANSWER: logarithms

020-13-84-06118

19. The title character of this play used to pull a classmate's hair in school and threaten to burn it off. At the end of this play, the title character shoots herself to avoid entrapment in an adulterous relationship with Judge Brack. The protagonist of this play burns a crucial manuscript and advises Eilert Lovborg to kill himself for the sake of her husband's advancement. Name this Henrik Ibsen play about the manipulative wife of George Tesman.

ANSWER: *Hedda Gabler*

080-13-84-06119

20. This quantity is plotted on the Y axis against entropy in a diagram used to find the "dryness fraction", the Mollier diagram. The Joule-Thompson process keeps this quantity constant. The change in this quantity can be calculated through the Born-Haber cycle using Hess' law. This quantity minus temperature times entropy gives the Gibbs free energy. Name this quantity whose change is used to characterize whether a reaction is endo- or exothermic, usually symbolized  $H$ .

ANSWER: enthalpy [accept **H** until read]

048-13-84-06120



1. This god warned Zeus against marrying Thetis for fear it would result in a son more powerful than his father. This god created the precedent of offering bones wrapped in fat as a gift to the gods instead of meat, and he was the brother of Epimetheus. In one legend, he warns his son Deucalion of a great flood. Pandora was created on Zeus' orders as punishment for the actions of this Titan, who was ultimately bound to a mountain in the Caucasus and has an eagle eat his immortal liver. Name this Greek Titan who was punished for his gift of fire to humanity.

ANSWER: Prometheus

030-13-84-06121

2. In January 2013, a large number of manuscripts were destroyed in this country when the Ahmad Babu Institute was burned down. The ongoing Operation Serval in this country is targeting both Ansar Dine and the national movement for the liberation of Azawad, two groups that parted ways after cooperating on an insurgency. Dissatisfaction with government handling of the rebellion led this country's army to overthrow president Amadou Toumani Touré in March 2012. Name this African country in which the French have intervened to stop northern rebels from forming a breakaway Islamist state.

ANSWER: Republic of Mali [or Republique du Mali; or Mali ka Fasojamana]

020-13-84-06122

3. A Friedrich Nietzsche concept named after this deity represents order in *The Birth of Tragedy*. A wind from Zephyrus blew this god's fatal discus throw at Hyacinthus. This deity's plague arrows strike the Greeks in the Iliad. Daphne became a laurel tree to avoid this god, who the oracle of Delphi served. Hermes gave this god a lyre in his role as god of poetry and music. Name this brother of Artemis, who, like Helios, represents the sun.

ANSWER: Phoebus Apollo [or Apollon; or "the Apollonian"]

104-13-84-06123

4. This quantity is multiplied by h-bar in the numerator of the Bohr magneton. For its namesake property, quarks have a value of positive two-thirds or negative one-third of this constant. It equals Faraday's constant divided by Avogadro's number. This constant was first measured in an experiment which allowed oil drops to reach terminal velocity, initiated by Millikan. That experiment, which calculated this quantity's ratio to electron mass, set it to be approximately one point six times ten to the negative nineteenth Coulombs. Name this value symbolized e.

ANSWER: elementary charge [or charge of a proton; or charge of an electron]

190-13-84-06124

5. The severity of this disease is monitored by the HbA1c test, and drugs used to treat it include sulfonylureas and metformin. Its more severe cases can lead to retinopathy and neuropathy, and its onset can be prevented with a high-fiber diet. Frequent urination and thirst are symptoms of this disease, which has type I and type II forms. Name this disease leading to high blood glucose levels, which involves an inability to produce and use insulin.

ANSWER: diabetes mellitus

192-13-84-06125

6. In one novel by this author, seventeen half-brothers are all marked for death by permanent Ash Wednesday crosses. In another work by this author, Juvenal Urbino falls to his death trying to capture his parrot, and Florentino Ariza and Fermina Daza sail in a ship waving a yellow flag. This author wrote about Remedios the Beauty, Aureliano, and other descendants of the Buendias (bwen-DEE-uhs) in Macondo. Name this Colombian author of *Love in the Time of Cholera* and *One Hundred Years of Solitude*.

ANSWER: Gabriel **Garcia Marquez** [prompt on **Marquez**]

186-13-84-06126

7. This god took the form of a turtle to stop a mountain from sinking into the sand during the churning of the milk ocean. In the form of a fish named Matsya, he saved the first man, Manu, from a flood. This god rides on the eagle Garuda and rests on the many-headed serpent Shesha. This deity's consort is the goddess of luck, Lakshmi. With Shiva and Brahma, this god makes up the Trimurti. Name this Hindu preserver god whose avatars include Rama and Krishna.

ANSWER: **Vishnu** [or **Kurma** before "fish" is read]

080-13-84-06127

8. The site of this city's first university is on its "Illuminated Block" in the Monserrat neighborhood. Residents of this city are called porteños. The Pink House is the executive mansion near its central plaza, which was the site of the "Mothers of the Plaza" demonstrations. That site, Plaza de Mayo, is named for the 1810 May Revolution that started in this city. It borders the estuary of the confluence of the Paraná and Uruguay Rivers, the Río de la Plata. Name this capital of Argentina.

ANSWER: **Buenos Aires**

121-13-84-06128

9. The reionization of this element is a major era in the universe's history. The Lyman series occurs in this element. The Rydberg equation is used to find the Balmer series for this element, which is the namesake of an interaction between oxygens and amides in secondary structures of proteins. pH is the measure of the concentration of an ion of this element. It is fused in the proton-proton chain. An explanation for the high boiling point of water is provided by this element's namesake bonds. This lightest element with atomic number one.

ANSWER: **hydrogen**

189-13-84-06129

10. Organisms with a periplasmic space are unable to take up one chemical used in this procedure, which is sometimes replaced with the Ziehl-Neelsen stain for acid-fast organisms. This process can use carbol fuchsin in its last step instead of safranin. This process uses iodine as a mordant to trap the crystal violet primary dye. Those that are positive for this test appear purple and have peptidoglycan in their cell walls. Name this procedure used to divide bacteria into namesake positive and negative types.

ANSWER: **Gram** staining

048-13-84-06130

1. Answer the following about polynomials.

[5] Take 30 seconds to answer this calculation question. Find the point of intersection of the lines  $y = 2x + 5$  and  $y = -4x - 7$ .

ANSWER: **(-2, 1)** [or **x = -2** and **y = 1**]

[10] Use another 30 seconds on this calculation question. Find all solutions to the equation  $x^3 + 3x^2 - 4x - 12 = 0$ .

ANSWER:  $x = 2$ ,  $x = -2$ , and  $x = -3$  [accept answers in any order; do not accept partial answers]

[15] What Greek letter denotes the function that is zero everywhere except zero, where it is infinite?

ANSWER: **delta**

[20] What field of abstract algebra began as an attempt to explain why Abel's theorem, which states that there is no general equation for polynomials of degree five or higher, is true?

ANSWER: **Galois** theory

066-13-84-06101

2. Answer the following about opinionated people.

[5] Conservative David Brooks and liberal Maureen Dowd, among many others, all write for what newspaper, nicknamed the "Old Gray Lady"?

ANSWER: *The* **New York Times**

[10] *The New York Times* is now the third-largest newspaper in the U.S., with the largest being this newspaper, published in New York by Dow Jones & Company.

ANSWER: *The* **Wall Street Journal**

[15] Who took part in the 2012 "Rumble in the Air Conditioned Auditorium" against his frequent guest Jon Stewart?

ANSWER: William James "Bill" **O'Reilly**, Jr.

[20] What host of *The Right Side* was fired from his Tribune Media column in 2005 after it was found that he received \$241,000 to write in favor of the No Child Left Behind program?

ANSWER: Armstrong **Williams** [do not accept Juan Williams]

020-13-84-06102

3. Answer the following about the ocean.

[5] What storms are involved in the transfer of heat from the equator to the polar region and usually occur from June to November. They are tropical cyclones with sustained winds of at least 74 miles per hour.

ANSWER: major **hurricane** [or **typhoon**; prompt on tropical **cyclone**; prompt on cyclonic **storm**]

[10] This fictitious force is responsible for the shape of the Ekman spiral. It is the deflection of a moving object in a rotating reference frame.

ANSWER: **Coriolis** effect

[15] What phenomenon results from a weakened Walker Circulation and strongly suppresses upwelling off the coast of Peru?

ANSWER: **El Niño**/La Niña-Southern Oscillation [or **ENSO**; prompt on **Southern Oscillation**; do not accept "La Niña"]

[20] What enormous region of high plastics concentration is formed by a gyre between Japan and the United States?

ANSWER: the **Great Pacific Garbage Patch**

066-13-84-06103

4. Answer the following about forces in mechanics.

[5] What law states that the force required to compress or stretch a spring is equal to a stiffness constant times distance displaced?

ANSWER: **Hooke**'s law

[10] Name the force that opposes the relative motion of two surfaces. Its static and kinetic types have different coefficients.

ANSWER: **friction**

[15] Young's Modulus equals the ratio of what quantity to strain?

ANSWER: **stress**

[20] Stress is expressed by a "traction vector" named for what inventor of complex function theory, who is the namesake of more mathematical and physical theorems than any other person?

ANSWER: Augustin Louis **Cauchy**

149-13-84-06104





**Letter R**

**Letter S**

**Letter T**

## Letter R

[10] The Seven Days Battles were an attempt to take what Confederate capital during the Civil War?

ANSWER: **Richmond**

[10] What is the term for any chemical reaction in which the oxidation number of a chemical changes?

ANSWER: **redox reaction** [or **oxidation-reduction** reaction]

[10] Lake Contance forms part of the course of what river?

ANSWER: **Rhine** River

[10] What location of the Bundestag was restored by Sir Norman Foster and "wrapped" by Christo and Jeanne-Claude in 1995?

ANSWER: **Reichstag**

[10] The shooting down of President Juvenal Habyarimana's airplane was followed by what 1994 event in which approximately 500,000 Tutsis were murdered.

ANSWER: **Rwandan** Genocide

[10] Old Town Albuquerque's Tingley Beach is located alongside what river that also flows through Las Cruces and El Paso?

ANSWER: **Rio Grande**

[10] What last Western Roman emperor was given a pension after being captured by Odoacer in 476?

ANSWER: **Romulus Augustulus** [or Flavius Momyllus **Romulus Augustulus**]

[10] What last name is shared by the poet Dante Gabriel, who wrote "The Blessed Damozel," and his sister Christina, who wrote "Goblin Market"?

ANSWER: **Rossetti**

[10] What law in chemistry states that changes in related properties of a liquid are proportional to the number of molecules of dissolved solute present for a given quantity of solvent molecules?

ANSWER: **Raoult's** Law

[10] What writer of *Persian Letters* wrote a series of novels about the titular pair of father/son giants in *Gargantua and Pantagruel*?

ANSWER: Francois **Rabelais**

030-13-84-0610-3

## Letter S

[10] What leader of Jamestown issued the law “he who works not, eats not” and may have been saved by Pocahontas?

ANSWER: John **Smith**

[10] What element is attached to a carbon compound in thiols and has chemical symbol “S?”

ANSWER: **sulfur**

[10] What is the largest non-polar desert in the world?

ANSWER: **Sahara** Desert

[10] What actor played the invalid photographer Jeff in *Rear Window* and George Bailey in *It's a Wonderful Life*?

ANSWER: James “Jimmy” **Stewart**

[10] What Nicaraguan revolutionary group overthrew the Somozas and was opposed by the contras?

ANSWER: **Sandinista** National Liberation Front [or **FSLN**]

[10] What state was the home of senator George McGovern and Mount Rushmore?

ANSWER: **South Dakota**

[10] What island held the city of Syracuse and was the site of an Athenian expedition during the Peloponnesian War?

ANSWER: **Sicily**

[10] What type of bird is addressed “Hail to thee, blithe spirit” in a poem by Percy Bysshe Shelley?

ANSWER: **skylark** [or “Ode to a **Skylark**”]

[10] What physicist's namesake equation shows the time derivative of the wave function and the functions Hamiltonian to be proportional by a factor of “i” times “h-bar?”

ANSWER: Erwin **Schrödinger**

[10] What psychologist championed a radical behaviorist understanding of human action in books like *Beyond Freedom and Dignity*?

ANSWER: Burrhus Frederic **Skinner**

121-13-84-0610-3

Letter T

[10] Paul wrote two epistles to a man of what name?

ANSWER: **Timothy**

[10] What hypothetical particle moves faster than the speed of light?

ANSWER: **tachyon**

[10] Kingdoms and phyla are examples of what units of classification?

ANSWER: **taxon**

[10] What animal comes in Sumatran and Bengal subspecies?

ANSWER: **tiger**

[10] What amino acid has an indole group and apocryphally causes drowsiness?

ANSWER: **tryptophan**

[10] What gland in the neck produces namesake hormones?

ANSWER: **thyroid**

[10] What is the name of the title “uncle” of an anti-slavery novel by Harriet Beecher Stowe?

ANSWER: **Tom**

[10] What arcade game involves stacking four-unit shapes such as the L-shaped one and the block?

ANSWER: **Tetris**

[10] What polygon is subject to the law of cosines?

ANSWER: **triangle**

[10] What mournful military bugle piece is sounded at dusk and funerals?

ANSWER: **“Taps”**

014-13-84-0610-3





1. Some of the people who agreed to perform this action hid in Judges Cave after fleeing to Connecticut. The Indemnity and Oblivion Act mandated that only the people who had ordered this action were to be punished. This action was performed at the Banqueting House of Whitehall on January 30, 1649, after a week-long trial on charges of conspiring with Scots to invade England and causing the English Civil War. For 20 points, identify this act of regicide, which led to Oliver Cromwell forming the Protectorate.

ANSWER: **execution of Charles I** [or synonyms for "execution" including **killing** or **beheading**; prompt on **execution of Charles** or other partial answers]

019-13-84-06101

2. One of this composer's symphonies has an extra movement marked "Feierlich" and quotes the main theme of Brahms's third symphony in its opening *Lebhaft* movement. He never completed his "Zwickau" Symphony, but included "The Poet Speaks" and "Traumerai" among his *Scenes from Childhood*. The poems of Adolph Boettger inspired his first symphony, nicknamed the "Spring." For 20 points, name this German composer, who was married to Clara Wieck and composed the "Rhenish" Symphony.

ANSWER: Robert **Schumann**

192-13-84-06102

3. This campaign started after Raynald of Chantillon's beheading and Guy of Lusignan's capture at the Battle of Hattin. Leopold V of Austria left this campaign after his standard was cast down following a victory at a double siege. After Acre (AH-ker) fell, Philip II of France also left, leaving another commander in this campaign to win at Arsuf and sign a treaty allowing pilgrims to visit a Muslim-held Jerusalem. For 20 points, name this crusade in which Saladin fought Richard Lionheart.

ANSWER: **Third** Crusade

153-13-84-06103

4. The speaker of this poem complains, "I mete and dole unequal laws unto a savage race, that hoard, and sleep, and feed, and know not me." Its last stanza begins with the observation, "There lies the port; the vessel puffs her sail." This poem's speaker describes himself "yearning in desire to follow knowledge like a sinking star." The speaker concludes by affirming that he and his old mariners are "strong in will to strive, to seek, to find, and not to yield." For 20 points, name this dramatic monologue by Lord Tennyson.

ANSWER: "**Ulysses**"

014-13-84-06104

5. This phenomenon's relationship to the number of subjects involved was studied by Darley and Latane, and this phenomenon is an example of social loafing. A famous example of this phenomenon took place in New York when Winton Moseley stabbed a woman named Kitty Genovese. For 20 points, identify this social phenomenon in which the presence of other people in a given emergency or situation decreases the likelihood of individuals providing help on their own.

ANSWER: **bystander** effect [or Kitty **Genovese** effect or syndrome before mentioned]

189-13-84-06105

6. This people's strike in response to a planned expropriation of land by the government is celebrated on "Land Day." Roughly 700,000 of these people fled their home country in an mass exodus called "the Catastrophe" or "al-Nakba." Police forces fired steel bullets wrapped in rubber at them during an uprising called the "shaking off," or "Intifada." For 20 points, the Oslo Accords created a national authority for what people?

ANSWER: **Palestinians** [or **Israeli Arabs**; prompt on **Arabs**; prompt on **Muslims**]

080-13-84-06106

7. The groove ventral to these structures is covered by the flexor retinaculum. These structures include the trapezium and triquetrum. One of these, which has a hook, forms a boundary of Guyon's canal along with the pisiform. They include the lunate, hamate, and scaphoid, the last of which articulates with the radius. The median nerve can be compressed in the "tunnel" named for these entities in a namesake syndrome. For 20 points, name this set of eight bones that form the wrist.

ANSWER: **carpals** [prompt on **bones**; prompt on **bones of the hands**; prompt on **bones of the wrists**; do not accept "metacarpals"]

048-13-84-06107

8. One character in this poem predicts the defeat of the White Guelfs. Antaeus is a giant who transports the main characters of this poem between two areas. The earthly bodies of Fra Alberigo and Branca d'Oria have been possessed in this epic, but their souls are in the title place. Count Ugolino gnaws on the head of Archbishop Ruggieri in a frozen section of its title realm. For 20 points, name this poem in which Vergil serves as a guide.

ANSWER: the **Inferno** [prompt on *The Divine Comedy*; prompt on *La Divina Commedia*]

030-13-84-06108

9. George Stanley is taken into custody in this play in order to blackmail his father into supporting the protagonist. In this work, Tyrell states that "the tyannous and bloody act is done." Lady Anne calls one figure in this play a "foul toad" in rebuffing a marriage proposal, and Clarence is murdered by agents of the title character in the Tower of London. The protagonist of this play cries, "A horse, a horse! My kingdom for a horse!" and the families of York and Lancaster are united in the final act. For 20 points, name this Shakespeare history about a villainous English king.

ANSWER: **Richard III**

030-13-84-06109

10. One member of this discipline, who championed explaining behaviors in context through "thick description," was Clifford Geertz. At Barnard, Zora Neale Hurston was trained in this discipline by its American founder Franz Boas, who also taught Margaret Mead. For 20 points, name this field that pioneered the technique of participant observation, which can help practitioners write ethnography.

ANSWER: **anthropology** [or cultural **anthropology**; prompt on **ethnography** before it is read]

104-13-84-06110

11. One religious leader in this country was executed by order of Amir Kabir after prophesying "the one who God shall make manifest." That man founded a religion in this country that venerates *The Book of Certitude*. This country was ruled for a millennium by followers of a religion that believes in the evil Angra Mainyu and the good god Ahura Mazda. For 20 points, name this homeland of Bahai and Zoroastrianism, which is now the world's largest Shia Muslim country.

ANSWER: Islamic Republic of **Iran** [or Jomhuri-ye Eslami-ye **Iran**; or **Persian Empire**]

019-13-84-06111

12. This poet got his break when his University of Pennsylvania classmate Ezra Pound convinced James Laughlin to publish him. He wrote a long poem that contains the lines "there is something something urgent I have to say to you" and "it is difficult to get the news from poems." This author of *Asphodel, That Greeny Flower* wrote another poem about plums that were "delicious, so sweet and so cold." For 20 points, name this American physician and poet of "This Is Just to Say" and "The Red Wheelbarrow."

ANSWER: William Carlos **Williams**

015-13-84-06112

13. In 1922, this man attempted to reconcile the Hussein-McMahon Correspondence with the Balfour Declaration by drafting his namesake "White Paper." This man had to resign from his post during World War I after the failure of the Gallipoli Campaign. This man declared he had nothing to offer but "blood, toil, tears, and sweat" in one speech; in another speech, he declared, "Never...was so much owed by so many to so few" with reference to the RAF's success in the Battle of Britain. For 20 points, name this prime minister who led Britain during World War II.

ANSWER: Winston Leonard Spencer **Churchill**

080-13-84-06113

14. In 1910, a scandal erupted when Frederick Cook falsely claimed to have climbed this mountain. It is now summited by climbers of the West Buttress route who begin at the Kahiltna Glacier. Outdated names for it include Densmore's Mountain and the Russian name Bolshaya Gora. The first European to see this mountain was George Vancouver, who was sailing in Cook Inlet. For 20 points, identify this mountain located about halfway between Anchorage and Fairbanks.

ANSWER: Mount **McKinley** [or **Denali**]

019-13-84-06114

15. This man painted a rifleman with a deer pelt in the Adirondacks in his *A Huntsman and Dogs*. One of his paintings depicts the battlefield of Petersburg in the background as Brigadier General Francis Channing Barlow reviews the title figures. Several boys link arms to play the title game in another painting by this artist of *Prisoners from the Front*, who showed a lone black man sitting in a capsizing boat that is surrounded by sharks. For 20 points, name this American painter of *Snap the Whip* and *The Gulf Stream*.

ANSWER: Winslow **Homer**

030-13-84-06115

16. The first of these devices was created with a synthetic ruby crystal by Theodore H. Maiman. The first one of these based on gases used helium and neon. These devices are created by placing a pair of mirrors on either side of a gain medium, then pumping the gain medium so that the atoms within achieve population inversion and release photons of a defined energy. For 20 points, name these devices that produce a beam of monochromatic, coherent light.

ANSWER: **laser** [or **light amplification by stimulated emission of radiation**]

048-13-84-06116

17. During this man's presidency, the first commemorative postage stamp was released by his Postmaster General, John Wanamaker. William Dudley wanted to use "floaters" to support this man's campaign in the "Blocks of Five" scandal. Levi Morton was the running mate of this President. He signed the McKinley Tariff and the Sherman Antitrust Act. This President worked with the Billion Dollar Congress. For 20 points, name this Republican President who served between the two terms of Grover Cleveland.

ANSWER: **Benjamin Harrison** [prompt on **Harrison**]

149-13-84-06117



18. This poet was inspired by the rhyme scheme of the Finnish epic *Kalevala* for a poem featuring the West Wind's seduction of Nokomis's daughter. He brought Homeric dactylic hexameter into English for a poem titled for Gabriel Lajeunesse's Cajun lover. This author of *Evangeline* also wrote about a native prince who loves Minnehaha, and the hanging of lamps at the Old North Church. For 20 points, name this American poet of *The Song of Hiawatha*.

ANSWER: Henry Wadsworth **Longfellow**

104-13-84-06118

19. This building's construction was protested by a "Committee of Three Hundred," one for each meter of its height, which included Guy de Maupassant, who ate lunch at its restaurant so he could avoid seeing it. No women are counted among the 72 scientists and engineers whose names are engraved on this building's first balcony. This puddle iron structure served as the entrance arch for the 1889 World's Fair and has since been used to jam German communications in the First World War. For 20 points, name this tower.

ANSWER: **Eiffel Tower** [or La **Dame de Fer**; or the **Iron Lady**; or **Eiffel** after "tower" is read]

020-13-84-06119

20. One narrator created by this author refers to past incidents such as the "Trevor Richardson affair" and the "Mannering case" and believes that the disappearance of his parents in Shanghai is the cause of the Pacific theater of World War II. This author, who created Christopher Banks in *When We Were Orphans*, also created a protagonist distressed by a housekeeper's long marriage to Mr. Benn. This author depicted the arrival of Mr. Farraday to take over Darlington Hall in that novel about the butler Stevens. For 20 points, name this British author of *The Remains of the Day*.

ANSWER: Kazuo **Ishiguro**

019-13-84-06120



1. This number divided by four is the sum of the sequence beginning one minus one third plus one fifth minus one seventh. The sum of the squares of the reciprocals of the natural numbers is equal to one sixth the square of this number. Archimedes approximated this value by calculating the area of a regular 96-gon. This number is the period of tangent of  $x$  and half the period of sine of  $x$ . It is sometimes approximated as  $22/7$ . Name this number that is the ratio of a circle's circumference to its diameter.

ANSWER:  **$\pi$**  [prompt on **3.14**159; prompt on **22/7** before it is read]

131-13-84-06151

2. This general captured modern-day Cartagena by sending 500 men in secret over an ebbing lagoon. He extended the battle lines on his flanks while holding his center back to win the Battle of Ilipa. Cato tried to destroy this man politically due to his affection for Greek culture. In another battle, this general opened gaps in his lines to let war elephants pass through and used Masinissa's Numidian cavalry to attack the enemy from behind. That strategy used by this man won the Battle of Zama. Name this Roman general who defeated Hannibal to end the Second Punic War.

ANSWER: Publius Cornelius **Scipio Africanus** [or **Scipio Africanus** the Elder; or **Scipio Africanus** Major]

080-13-84-06152

3. The author of this novel borrowed a description of the Pharisees from the Bible to describe one city as a "whited sepulchre." An essay written about novel criticizes the portrayal of a man shouting, "Eat 'im!" and asserts that the author was fixated on the "n-word." Chinua Achebe called the author of this novel a racist in his essay "An Image of Africa." In this novel, Mr. Kurtz dies in the presence of the British sailor Marlow. Name this short novel by Joseph Conrad.

ANSWER: **Heart of Darkness**

190-13-84-06153