

1. Gothmog, son of Morgoth and Fluithuin, was slain in the Beleriand wars. Most of them died during the First Age, although an unknown number may remain buried. These Maiar were seduced by Morgoth rather than the light; in Sindarin, their name means "demon of might." FTP name these creatures, who in combat fight with flaming whips, one of whom, called Durin's Bane, slew Gandalf.

Answer: **Balrog or Valarauko**

2. Robert Livingston secured an exclusive twenty-year grant from the New York legislature to use a steamboat to navigate state waterways, prohibiting others from using steam powered vessels without the permission of Livingston or his partner, Robert Fulton. Another steamboat operator, however, complained that his federal license should supersede this grant. Justice Marshall agreed. FTP this briefly describes what 1824 Supreme Court case which strengthened federal power over interstate commerce?

Answer: **Gibbons v. Ogden**

3. This principle is incorporated in Fermi-Dirac statistics, which governs particles with half-integer spin and automatically limits occupancy to at most one. It can explain the aufbau principle, which governs how electrons are arranged in elements. It allows two electrons to be in the same orbital only if they differ in spin. FTP, name this principle which states that no two electrons can be in the same quantum state at the same time.

Answer: **Pauli exclusion principle**

4. His 216 IQ explains why his favorite video game is "My Dinner with Andre." Though he owns a Shar-Pei, he still shows up in one episode with a mechanical Scots Terrier. Although he was unsuccessful in lobbying to have 20 minutes added to the school day, he did win fourth grade class president over Bart. FTP who is this brainy character on The Simpsons?

Answer: **Martin Prince**

5. The protagonist wants to help her husband's health by borrowing money for them to take a trip to Italy. She only gets the loan by forging her father's signature, and to pay back the bank she has to take in work. She likes the work, but when her husband Torvald finds out, he insists she quit. This leads to her famous door slamming. FTP this describes what play by Henrik Ibsen?

Answer: ***A Doll's House***

6. 2,500 soldiers under Adna Chaffee helped put down this revolt, which was begun by people who believed that their training techniques had made them invulnerable to bullets. Sparked by anti-Western sentiments, members of the secret society of the Righteous and Harmonious Fists used the support of the Dowager Empress Cixi to besiege foreign embassies until an international force occupied Beijing. FTP, what was this Chinese rising named for the type of fighting they used in their training?

Answer: **Boxer Rising or Rebellion**

7. Shakespeare appeared in the cast of the premiere of this man's first play, *Every Man in His Humour*. His verse collections include *Epigrams* (1616) and *The Forest* (also 1616), which includes his ode "To Celia". FTP name the author of the comedies *Bartholomew Fair*, *The Alchemist*, and *Volpone*.

Answer: **Ben Jonson**

8. This number is the least significant digit of seven to the ninth as well as the probability of picking an irrational number at random from the real numbers. FTP what number is the integral of sin from negative pi over two to zero, the tangent of pi over four, and the volume of a cube with a side of length one?

Answer: **one**

9. Called Yezo prior to 1869, it's separated by the Soya Strait from Sakhalin Island and by the Tsugaru Strait from its larger and more populous neighbor. Principal home to the Ainu, much of the northern part is still sparsely inhabited. Chief cities include Otaru, Hakodate, and the site of the 1972 Winter Olympics, Sapporo. FTP name this northernmost and second largest of the principal islands of Japan.

Answer: **Hokkaido**

10. This is the youngest of all biomes, formed little over 10,000 years ago by retreating glaciers. It has a short growing period and only small plants can survive there. The constant freeze-defrost cycle breaks up rocks very quickly, so the soil is very rocky and not very good, but many uniquely adapted plants manage to find bits of soil to live in. FTP, give the name of this biome, which is surprisingly not found on Lambeau Field in Green Bay.

Answer: **tundra**

11. While an actress for the Provincetown Players this author had several plays produced, notably "Aria de Capo." As a poet she won the Pulitzer Prize for her collection "The Harp Weaver and Other Poems", and was most famous for her sonnets like "Euclid Alone Has Looked on Beauty Bare". FTP, who was this American poet who claimed that her candle burned at both ends, author of "Renascence"?

Answer: **Edna St. Vincent Millay**

12. It was originally published in 1725 as part of a collection of twelve concerti titled *The Contest of Harmony and Invention*. But its composer's popularity had waned even in his lifetime, and this work like his others was virtually forgotten. It took a stroke of luck for the composer's works to be rediscovered at a rummage sale at an Italian monastery in 1926, which led to the republication of this set of four concerti in 1950. Today one of the most recognizable orchestral themes is the opening passage of its first concerto, "Spring." FTP name this Baroque masterpiece by Antonio Vivaldi.

Answer: **"The Four Seasons"**

13. On February 14, 1965 the East Elmhurst, New York, home where he, his wife Betty and their four daughters lived in was firebombed; the family escaped physical injury. One week later, while he was speaking on stage at the Audubon Ballroom in New York City, he was shot at close range by three men. FTP, name this Omaha-born activist who considered his original surname, "Little," to be a slave name and who chose his new last name to signify his lost tribal name.

Answer: **Malcolm X**

14. He is warned to do no more than rescue Greek ships from Trojan clutches, but Hector and his men flee upon seeing him, mistaking him for someone else. Thus he leads the Myrmidons toward the Trojan walls, but Apollo knocks his helmet off, then he is pierced by a Trojan spear, then finished off by Hector. FTP this is what armor bearer and great love of Achilles?

Answer: **Patroclus**

15. Technically a salt, this compound may be formed as a byproduct of the Solvay process but is more commonly formed by itself by the reaction of lye with carbonated water. Used in fire extinguishers, deodorants, toothpastes, and stomach remedies, it is an important part of the body's most important buffer system. FTP name this compound, which has formula NaHCO_3 , commonly called baking soda.

Answer: **sodium bicarbonate** (or bicarbonate of soda; accept sodium hydrogen carbonate, but NOT sodium carbonate, sal soda, or washing soda; prompt for more on "baking soda" before it's said)

16. He was a 4th round draft pick of hockey's Los Angeles Kings in 1984. He was also a 4th round draft pick in 1984 in a different sport, a sport for which he is more than likely a future Hall of Famer despite only one homer and one stolen base in 956 at-bats. The seven-year gap between this lefthander's two Cy Young Awards is the longest such gap for a multiple winner. FTP, name this Atlanta pitcher who won his Cy Young Awards in 1991 and 1998,

Answer: **Tom Glavine**

17. In Dante's *Inferno* this historical figure is placed in the mouth of Satan. According to Matthew he died by hanging himself, but Acts says that he died by "falling headlong", after which "he burst asunder...and all his bowels gushed out". Regardless, he is notorious for an act for which he was paid 30 pieces of silver. FTP, who was this disciple who betrayed Jesus to the Romans?

Answer: **Judas Iscariot**

18. The mummified head of Ramses the Fifth suggests that he died from this disease, called "venom from the mother's breast" in ancient China. It also claimed Czar Peter the Second, and 1977 saw the last natural transmission of the Variola virus occur in Somalia. FTP, inhaling flakes from pus-filled skin lesions spreads what scarring scourge of seventeenth century Europe?

Answer: **smallpox**

1. These Civil War generals served in the Mexican War – but then, didn't they all? They also ran for office after the war – but then, how many surviving Union generals didn't? Name these generals FTPE:

a) Most historians agree that this man's ultraconservative tactics as commander of the Army of the Potomac in 1861-62 prolonged the war. Of course, he ran against Lincoln in 1864 using the war's slow progress as his major issue. He eventually served as Governor of New Jersey from 1878 to 1881.

Answer: George Brinton **McClellan**

b) A dashing general young enough to have been named for a general who also served in the Mexican and Civil Wars, he distinguished himself at Fredericksburg, Chancellorsville, and especially Gettysburg. In 1880 he was the unsuccessful Democratic nominee for President.

Answer: Winfield Scott **Hancock**

c) A mapping expedition placed this man in California when the Mexican War broke out, and he was a leader of the Bear Flag Revolt there. In 1856 he was the first Republican presidential nominee; serving as a general in the Civil War's lesser-known Missouri campaign, he was territorial governor of Arizona from 1878 to 1883.

Answer: John Charles **Fremont**

2. FTSNOP name the authors of these important French works:

a) 5 pts.: *Les Miserables*

Answer: Victor **Hugo**

b) 5 pts.: *Candide*

Answer: **Voltaire**, or Francois-Marie Arouet

c) 10 pts. *Les Fleurs de Mal*

Answer: Charles **Baudelaire**

d) 10 pts.: *Gargantua and Pantagruel*

Answer: Francois **Rabelais**

3. They may be made on the outskirts of Chattanooga, but your genial quizmaster didn't write this question. Identify the Little Debbie snacks from their descriptions on the official Little Debbie web site, FTSNOP.

A-5. "A chewy cookie topped with caramel and crisp rice then covered in a layer of fudge."

Answer: **Star Crunch** Cosmic Snacks

B-10. "Classic crunchy wafer bars, full of the great taste of peanut butter enrobed in fudge."

Answer: **Nutty Bars**

C-5. "A delicious yellow cake with creme filling covered in white icing and trimmed with fudge stripes."

Answer: **Zebra Cakes**

D-10. "Chocolate cake rolled around a layer of creme filling and drenched with fudge coating."

Answer: **Swiss Cake Rolls**

4. F5PE give the proper names for these bones of the human body:

a) Kneecap

Answer: **patella**

b) Shoulder blade

Answer: **scapula**

c) Collarbone

Answer: **clavicle**

d) Anvil

Answer: **incus**

e) Thigh

Answer: **femur**

f) Breastbone

Answer: **sternum**

19. A synopsis of a recent History Channel offering asked, "Was the unkempt and uncouth Siberian peasant, the drunk and debaucher... really that hard to kill? A book by Edvard Radzinsky based on Russian Secret Police reports from 1917 answers these questions." He became a target because of concerns that his apparent saving of the heir to the throne from another hemophilia-related illness had given him undue influence that he was misusing. FTP, name this adviser to Czar Nicholas and his wife Alexandra.

Answer: Grigori **Rasputin**

20. His most recent literary output, though he began it in the early 1960s, is his first novel, *The Rum Diary*. Had he been elected mayor of Aspen, Colorado, he would've torn up the asphalt and replaced it with grass, renamed the town "Fat City," and set up a stocks in which to lock up drug dealers who charged too much; he lost by less than a hundred votes. FTP name this Gonzo journalist, author of three books beginning with the words "Fear and Loathing."

Answer: Hunter S. **Thompson**

21. Chapter 12 states that no payment demands can be imposed on subjects except to ransom the king, knight his eldest son, or marry his daughter off. Rooted in feudal law, it was repudiated by Innocent III after John declared himself a papal vassal, though Henry III confirmed it, and it was reissued in 1297 by Edward I. FTP what is this document signed at Runnymede in 1215?

Answer: **Magna Carta**

22. The Louvre has a copy of this document, which provides valuable social and economic history because of its coverage of trade, property issues, and family life. The maxim "An eye for an eye and a tooth for a tooth" can be found among its 282 provisions, most of which carry harsh penalties for offenders. FTP name this set of ancient Babylonian laws.

Answer: the **Code of Hammurabi**

23. I could say "Elves" to him, But it's not elves exactly, and I'd rather He said it for himself. I see him there, Bringing a stone grasped firmly by the top. In each hand, like an old-stone savage armed. He moves in darkness as it seems to me, Not of woods only and the shade of trees. He will not go behind his father's saying, And he likes having though of it so well. FTP, in what Frost poem does this odd guy say only "Good fences make good neighbors."?

Answer: **Mending Wall**

5. FTPE answer these questions about everyone's favorite collaborator, Nathaniel Hale.

a) Give the stage name of the rapper born Nathaniel Hale, whose own latest album was titled *Music & Me*.

Answer: **Nate-Dogg**

b) Nate-Dogg first hit it big collaborating with Warren G on what 1994 hit single?

Answer: **Regulate**

c) Nate-Dogg's been heard on several movie soundtracks recently. FTP name either the hit by Ludacris and Nate-Dogg off the *Rush Hour 2* soundtrack, or the song from *Glitter* where Nate-Dogg teams up with Mariah Carey.

Answer: either **Area Codes** or **If We**

6. Identify these F. Scott Fitzgerald novels from a brief description, 5-10-15:

A. (5) The title character has changed his last name, and his only real friend is next-door neighbor Nick Carraway, who is among the few to attend his funeral after the titular anti-hero is killed by the local mechanic.

Answer: **The Great Gatsby**

B. (10) Dick Diver is a psychologist in love with Rosemary Hoyt, a movie actress. All is well until one of Diver's friends kills a man and Rosemary discovers him comforting Nicole, the mistress of the dead man.

Answer: **Tender is the Night**

C. (15) Amory Blaine is a college student who leaves Princeton to try to discover more about himself. He eventually develops socialist undertones after romancing Eleanor and Rosalind. Eventually, pining for Rosalind, he declares "I know myself, but that is all..."

Answer: **This Side of Paradise**

7. Get this guy, 30-20-10.

(30) He spent 1676-78 on the island of St. Helena in the South Atlantic to develop the first systematic catalog of the southern stars.

(20) He urged his friend Newton to publish *Principia Mathematica* and paid for its publication. He would later use its principles for his most influential calculations.

(10) In a 1705 book, he predicted that the comet seen in 1682 would return again in 1758.

Answer: Edmund **Halley**

8. There's something about Mao. FTPE name these not-so-fun events in the Peoples Republic of China:

a) It lasted almost two years, and barely half its over 100,000 participants survived, but this struggle of 1934-1935 prevented the extermination of the Communist party in China.

Answer: the **Long March**

b) Launched in 1958, this five-year economic plan aimed to double industrial output and boost crop yield by merging collective farms into communes and mobilizing over ten million workers to make steel in primitive furnaces.

Answer: the **Great Leap Forward**

c) Led by Mao and his wife Jiang Qing, this movement which began in 1976 created the Red Guards and was designed to purge potential opponents of Mao. It wound up victimizing and humiliating almost all educated Chinese over age 30.

Answer: the **Cultural Revolution**

9. FTPE name the composers of the symphonies with these nicknames:

a) Clock, Farewell, and Surprise

Answer: Franz Joseph **Haydn**

b) Polish and Pathetique

Answer: Peter Ilyich **Tchaikovsky**

c) Scottish and Italian

Answer: Felix **Mendelssohn**

10. Answer these questions about base arithmetic for the stated number of points.

5) What is the common name for base 16?

Answer: **Hexadecimal**

10) 5A hexadecimal is equal to what binary value? {READER: allow 15 seconds}

Answer: **0101 1010**

15) What system is most commonly used in computers for the binary representation of negative numbers, because of the ease with which subtraction can be done?

Answer: **Two's Complement**

11. Answer the following about the short life of Joan of Arc FTPE:

a) She earned her nickname by leading French troops in breaking the English siege of this town in 1429.

Answer: **Orleans**

b) Orleans was one of the few French victories in this war, which France still somehow more or less won.

Answer: the **Hundred Years' War**

c) After the victory at Orleans Joan persuaded the indecisive dauphin to have himself crowned as this king. He didn't try to save her and seemed relieved when the English burned her at the stake a year later. How's that for gratitude?

Answer: **Charles VII**

12. Latin America has emerged as a major source of quality literature in the last 50 years. FTPE name the following:

a) The Mexican author of *Sunstone*, *Salamandra*, and *The Labyrinth of Solitude*

Answer: Octavio **Paz**

b) The Peruvian author of *Conversations in the Cathedral* and *The War at the End of the World*

Answer: Maris **Vargas Llosa** [prompt on partial answer]

c) You didn't think we'd ask Garcia Marquez *again*, did you? Name this more recent Nobel laureate, author of *The Middle Passage* and *A House for Mr. Biswas*, who despite his ethnic background counts because he's from Trinidad.

Answer: V.S. **Naipaul** [no need to prompt for initials, but do not accept Shiva Naipaul]

13. 30-20-10 Name the American

(30) A western Congressman from 1979-1989, when economist Arthur Laffer drew his famous curve on a cocktail napkin, it was this man's napkin.

(20) He served as Gerald Ford's Chief of Staff in 1975 and 76, and he was CEO of the Halliburton Corporation in Dallas from 1993 through 2000.

(10) This Wyoming native currently serves as President of the Senate, which sometimes requires his presence at a disclosed location.

Answer: **Dick Cheney**

14. Pencil and paper ready. Answer the following mechanics questions FTPE. Give any answers involving units in SI units. [READER: Allow 10 seconds per part on the two computations.]

10) A block of mass 12 kilograms is moving north at 4 meters per second. What is the kinetic energy of the block?

Answer: **96 Joules** (prompt on 96)

10) The block collides with a lump of Play-doh of mass 4 kilograms. If the block and the lump stick together, what sort of collision occurred?

Answer: completely or totally **inelastic** collision

10) After the inelastic collision, the mass-lump system continues moving north with the same total momentum. What is the speed of the two objects?

Answer: **3 meters per second** (prompt on 3)

15. FTPE answer the following about a religious work:

a) It is actually one of four scriptures recognized by the church that is centered around it, along with the Bible, a collection of pronouncements titled Doctrine and Covenants, and a short parable, the Pearl of Great Price.

Answer: the **Book of Mormon**

b) This founder of the Church of Jesus Christ of Latter-Day Saints claimed to have translated the Book of Mormon from gold plates he found buried in a hillside in upstate New York.

Answer: **Joseph Smith**

c) Like Smith a native of Vermont, he took up leadership of the Mormons after Smith's murder and led them to establish a settlement around Salt Lake in Utah.

Answer: **Brigham Young**

16. Some nations, such as Algeria, Tunisia, El Salvador, and Brazil, have a name similar to that of their capitals. As listed in the *CIA World Factbook*, there are six nations that have the same names as their capitals, although sometimes in English translation the word "city" is added for the capital. FTPE name any three of those nations.

Answers: any three of **Djibouti, Kuwait, Mexico, Monaco, Panama, and Singapore**

17. Given names of some members, identify the following families of elements by common name FTPE. If you need better known members and the grouping from the periodic table, you'll get only 5 points.

a) 10 pts.: rubidium, cesium, and francium

5 pts.: Group I; sodium and potassium

Answer: **alkali** metals [do not accept alkaline]

b) 10 pts.: barium and radium

5 pts.: Group II; magnesium and calcium

Answer: **alkaline earth** metals [do not prompt on partial answer]

c) 10 pts.: tellurium and polonium

5 pts.: Group VI; oxygen and sulfur

Answer: **chalcogens**

18. FTPE name the authors of these philosophical works on the New York Public Library's "Books of the Century" list:

a) *Being and Nothingness*

Answer: Jean-Paul **Sartre**

b) *The Courage to Be*

Answer: Paul **Tillich**

c) *On Death and Dying*

Answer: Elisabeth **Kubler-Ross**

19. FTPE, name the Northern European artists of these works.

a) "The Night Watch"

Answer: **Rembrandt** van Rijn

b) "Arnolfini Wedding"

Answer: Jan van **Eyck** [pronounced "eck" but accept "ike"]

c) the "Isenheim Alterpiece"

Answer: Matthias **Grunewald**

20. Name the author from works, 30-20-10:

30) *American Notes*, *Our Mutual Friend*, and *Sketches by Boz*

20) *The Old Curiosity Shop*, *Hard Times*, and *The Mystery of Edwin Drood*

10) *Bleak House*, *Great Expectations*, and *Nicholas Nickleby*

Answer: Charles **Dickens**

21. 30-20-10 Name the mildly potent potable.

30) In 1654 it became known as "anointing wine" as it was served on the accession of Louis XIV. It was also originally called "vin gris" (veen gree).

20) Because it matured poorly in casks, the early method of "tirage," or bottling, was developed for it.

10) The best methods for aging it came from the French monk Dom Perignon; only sparkling wines from France can bear this designation.

Answer: **Champagne**