

AMERICAN LITERATURE: Identify these works by Jack London

Team A: What often-anthologized London story is set in the Klondike, where the unnamed main character ignores the advice of experienced prospectors, travels through unsafe weather, and dies when he is unable to perform the title action?

Ans: "To Build a Fire"

Team B: Also set in the Klondike, what London novel focuses on the actions of Buck, a domesticated dog that becomes the leader of a wolf pack after his master is killed by Native Americans?

Ans: *(The) Call of the Wild*

Toss Up: This 1905 novel is often treated as a sequel to *The Call of the Wild*. In this work, the title character is a wolf-dog crossbreed that is initially wild but is domesticated by his second owner, Weedon Scott. Ultimately, the dog repays his owner's kindness by saving his family from an escaped convict. What is this novel, whose two word title is also the name of the canine protagonist?

Ans: *White Fang*

MATH: 20 SECONDS

Team B: Using the designations L, H, and W for length, height, and width, give the formula for finding the surface area of a rectangular solid.

Ans:  $(A =) 2LH + 2WH + 2LW$  OR  $2(LH + WH + LW)$  [Any order]

Team A: Give the formula for finding the surface area of a circular cylinder.

Ans:  $(A =) 2\pi r^2 + 2\pi RH$  OR  $2\pi r(r + H)$  OR  $2\pi R(\text{squared}) + D\pi H$

Toss Up: Give the formula for finding the surface area of a sphere.

Ans:  $(A =) 4\pi r^2$

## WORLD HISTORY

Team A: What movement did Pope Paul III initiate in response to the rise of Protestantism?

Ans: (the) Counter-Reformation

Team B: In 1545, in order to respond to the Protestant Reformation, Paul called what general council of the Church?

Ans: (Council of) Trent

Toss Up: Many of the reforms of the Counter Reformation were spread by missionaries who were members of this specific religious order. They continue to be active, often as teachers, and often in schools named for their two most famous members, Francis Xavier and Ignatius of Loyola. What is this order, which includes Pope Francis?

Ans: Jesuits OR (the) Society of Jesus

## FINE ARTS: Identify these famous mosques.

Team B: What one of the earliest surviving mosques was built between 661 and 750 AD, in Jerusalem, is believed to stand on the site of the temples of Solomon and Herod the Great, and may be located over the grave of Abraham?

Ans: (The) Dome of the Rock

Team A: In 1453, the Ottomans converted into a mosque what Byzantine cathedral in Constantinople which had been built in the sixth century and whose name means "Holy Wisdom"?

Ans: *Hagia Sophia*

Toss Up: The prayer hall of this mosque covers 250,000 square feet and has no central altar or shrine in its famous "forest of pillars" that supports its large dome. It is named for the city where it is located. What is this city, the former capital of Islamic Spain?

Ans: Cordoba OR Cordova

LIFE SCIENCE: Identify these subdisciplines of botany.

Team A: The study of mosses and liverworts

Ans: bryology

Team B: The study of fossil plants

Ans: paleobotany [not paleontology]

Toss Up: This extensive area of botany studies the science and technology of crop production. It focuses on using plants for food, fuel, land reclamation, and other uses. What is this discipline whose name combines the words for the science of farming with the social science of the distribution of money?

Ans: agronomy

ENGLISH/WORLD LITERATURE: Identify the following about the classic French novel *Les Misérables*.

Team B: The most important symbols in the novel are a matched set of what objects, which the bishop, M. Myriel, gives to Jean Valjean?

Ans: candlesticks

Team A: Victor Hugo uses animals as symbols, including a lark, which symbolizes what leading heroine, the adopted daughter of Jean Valjean?

Ans: Cosette

Toss Up: Hugo refers to this family at various times as snakes. The head of the family is a thief and murder who torments Cosette, while his wife, who is also his accomplice in crime, enjoys torturing Cosette as well. Their eldest daughter, Eponine, emerges as a heroine who is redeemed by her love for Marius. What is this family, which also includes the street urchin Gavroche?

Ans: Thénardier

## GOVERNMENT/ECONOMICS

Team A: In order to be submitted for ratification, a proposed amendment to the U. S. Constitution must first be approved by what fraction of either Congress or a convention of the same fraction of state legislatures?

Ans:  $\frac{2}{3}$

Team B: Once through Congress, a proposed amendment must be ratified by what fraction of the states?

Ans:  $\frac{3}{4}$

Toss Up: Which article of the US Constitution defines the procedure for amending the Constitution?

Ans: 5(th)

## PHYSICAL SCIENCE: Assume that you are holding an open book.

Team B: If you were to pull on the ends of the book to try to make it longer, what type of force would you be exerting?

Ans: tension

Team A: If you were to push on the ends of the book to try to make it smaller, what type of force would you be exerting?

Ans: compression OR compressive (force)

Toss Up: If you were to place the book on a level desk so that the book remained static, the desk would be exerting a force that is given what name to describe any force applied at a 90 degree angle?

Ans: normal (force)

**WORLD GEOGRAPHY:** Identify the following often-contested areas that border or are part of Israel.

**Team A:** What narrow band of land that is 140 miles long and lies along the Mediterranean Sea just north of the Sinai Desert is not currently part of any country, since Israel gave up sovereignty in 2005 and the Arab organizations of Hamas and Fatah have been unable to establish a government?

**Ans:** Gaza (Strip)

**Team B:** What area that lies between Israel and Syria was captured by Israel during the 1967 Six Days War, takes its two-word name from the plateau on which it exists, and is currently considered part of Israel?

**Ans:** Golan Heights

**Toss Up:** This valley is the northernmost extension of the Great Rift Valley. It is currently controlled by Hezbollah, but it is relatively peaceful compared to surrounding areas. It is home to several important archeological sites and to a number of famous wineries. What is this valley, that lies on the border between Lebanon and Israel?

**Ans:** Bakka or Bekka

**AMERICAN HISTORY:** Identify the following about the American movement known as the Nation of Islam.

**Team B:** The Nation of Islam was founded in Detroit by Wallace Ford Muhammad, but it gained impetus under what leader, whose original surname was Poole?

**Ans:** Elijah Muhammad [prompt on partial answer]

**Team A:** Famous for having organized the Million Man March is what man, formerly known as Louis X, who is the current leader of the Nation of Islam?

**Ans:** (Louis) Farrakhan

**Toss Up:** This man, who was born in Kansas, converted to Islam while he was a prisoner in a Massachusetts penitentiary. After completing a haji to Mecca, he realized that the Nation of Islam did not truly understand the Islamic faith. Returning to the U. S., he split ways with Elijah Muhammad. Seeing him as a threat to the movement, three members of the Nation of Islam assassinated him in January, 1965. Who was this charismatic leader and author of the speech "A Message to the Grass Roots"?

**Ans:** Malcolm X [allow clarification on Malcolm Little]

## ALPHABET ROUND "W"

1. German word for "welcome," also the opening song in *Cabaret*
2. TWO-WORD ANSWER: This sport is played in a pool with each team having six "field" players and one goalkeeper; the object is to score by getting the ball into the opponent's goal; despite name, no horses are involved
3. The distance between successive crests or troughs of a wave
4. Spelled with three letters, this is a type of benign cyst that forms on the face or scalp; spelled with four letters, it is an adverb that tells how long ago or how soon something has happened or will happen
5. MULTI-WORD ANSWER: This great elegy by Walt Whitman was part of the *Sequel to Drumtaps* collection; begins by mourning Lincoln, but progresses to mourning all the dead of the Civil War and then Death itself
6. MULTI-WORD ANSWER: Series of conflicts fought between the royal houses of Lancaster and York during the 15th century; ended with victory of Henry Tudor at Bosworth Field
7. First word of the Preamble to the U. S. Constitution
8. MULTI-WORD ANSWER: Folk song whose title is a question, written by Pete Seeger in 1955; recorded by many artists but most notably Peter, Paul, and Mary; selected by the *New Statesman* as one of the Top 20 political songs of all time; entered into the Grammy Hall of Fame in 2002
9. In Greek mythology, Zephyrus is the god of this specific wind
10. The least densely populated state in the U. S.
11. In math, this term refers to all non-negative integers
12. As an interjection, this four-letter word is a sign of surprise or indignation; as an adverb, it can mean thoroughly or it can be synonymous with "good"; as a noun, it is a hole drilled into the Earth
13. Chewbacca is the most notable member of this species of highly intelligent beings in the *Star Wars* saga
14. Common name for the trachea
15. Along with Steve Jobs, this man co-founded Apple
16. Hero of a popular Roald Dahl work about a group of children in a chocolate factory
17. Last name of brothers Charles and John; John is credited with founding Methodism; Charles wrote several hymns
18. American expatriate artist of the Impressionistic movement; famous for portrait of his mother
19. Southernmost capital city on Earth
20. William Henry Harrison was the first president who belonged to this political party

## ANSWERS TO ALPHABET ROUND "W"

1. *Willkommen*
2. water polo
3. wavelength
4. wen or when
5. "When Lilacs Last in the Dooryard Bloom'd" [must be complete and exact but accept "Bloomed"]
6. War(s) of the Roses
7. We
8. "Where Have All the Flowers Gone?"
9. west (wind)
10. Wyoming
11. whole (numbers)
12. well
13. Wookiee
14. windpipe
15. (Steve) Wozniak
16. (Willy) Wonka
17. Wesley
18. (James) Whistler
19. Wellington (NZ)
20. Whig

## FINAL ROUND

1. What is the measure of each interior angle in a regular hexagon?

Ans: 120 (degrees)

2. This astronomical object is essentially a frozen ball of gas. Hale-Bopp is a good example of what space phenomenon?

Ans: comet

3. Fought on May 16, 1763 was this battle of Pontiac's Rebellion that took place in Ohio. Its exact location is unknown, but it is given the name of this county. What is this battle, which took place at a site close to where many Americans go to Cedar Point?

Ans: (Battle of) Sandusky

4. Pferd is the German word for what animals that might be found at Churchill Downs?

Ans: horse(s)

5. Leon Festinger proposed this psychological theory which explains the feeling of unrest or disturbance that people may feel when their actions conflict with their values or when new information challenges accepted beliefs. What kind of dissonance is this?

Ans: cognitive (dissonance)

6. What two-word French term describes the highly decorative art style that was popular at the end of the 19th century and the beginning of the 20th, especially in England and the U. S.?

Ans: *art nouveau*

7. "The Pool of Tears" is the second chapter in this classic children's book. What book's more famous first chapter is titled "Down the Rabbit Hole"?

Ans: *Alice's Adventures in Wonderland* [accept *Alice in Wonderland*]

8. This seven-letter adjective is used to describe any chemical substance that burns or destroys living tissue. What is this word, which can also be applied to any remark that is nasty and intended to harm?

Ans: caustic

9. In both Judaism and Confucianism, these are considered to be people of exceptional wisdom. What four-letter title is given to these people, who are honored for the depth of their understanding and insight?

Ans: sage(s)

10. This is the only country in continental South America that is not independent. What is this protectorate of France, whose capital is Cayenne?

Ans: (French) Guiana



11. In November, what man became the all-time passing leader in the National Forensic League on the same day that he threw four interceptions and was benched?

Ans: Peyton Manning [allow clarification on partial answer]

12. A person who suffers from ophidiophobia [oh FID ee OPE ee uh] has a fear of these creatures, a fear that is usually irrational but has some basis in reality. What creatures are usually harmless and can even be helpful, but may be poisonous, as with pit vipers?

Ans: snake(s) or serpent(s)

13. This computer acronym is a system originally designed by CompuServe to compress images in a file format. What is this acronym that stands for "Graphics Interchange Format"?

Ans: GIF

14. This fruit appears frequently in both religion and mythology. In Judaism, it often appears at the top of the two spindles that hold the Torah scrolls. In Greek myth, Zeus required Persephone to return to Hades because she had sucked the seeds of this fruit while there. What is this fruit, which is high in vitamins C and K and is a good source of fiber?

Ans: pomegranate

15. This man was such good friends with Franz Joseph Haydn that they often played together in the same string quartet. They first met after this man moved to Vienna from his home in Salzburg. Who was this classical composer and musical prodigy, whose death in 1791 is now attributed to kidney failure that was probably not caused by poison from a jealous competitor?

Ans: (Wolfgang Amadeus) Mozart

16. What religious philosophy that was popular during the Revolutionary Period of American literature viewed the universe as an orderly world created by a Supreme Being who also created laws of nature by which it would operate?

Ans: Deism or Deist

17. When he was shipwrecked off the coast of France in 1064 AD, this man supposedly took an oath that he would support William of Normandy as the heir to the British throne of Edward the Confessor. However, when Edward died in 1066, what man went back on that promise, met the army of William at Hastings, and was soundly defeated and killed?

Ans: Harold (II) (Godwinson) [accept Godwinson alone]

18. What man had the distinction of being both the youngest man ever elected president and only Roman Catholic to hold that office?

Ans: (John F.) Kennedy

19. The alveoli in the lungs come off these extensions of the bronchi. What are these smaller tubes that carry oxygen from the bronchi to the alveoli?

Ans: bronchiole(s) or bronchioli

20. According to the USGS, the most dangerous volcano in the U. S. is not Mauna Loa but what other Hawaiian volcano that has been active since 1983 but has the potential for a more massive eruption?

Ans: Kilauea [kill a WAY uh]