

✓ T/24/K

AMERICAN LITERATURE

Team A: What Henry James novella that was published in 1898 focuses on a young governess who comes to believe that the two young children in her care are demonic and are communicating with the ghosts of their former governess Miss Jessel and a former servant named Peter Quint?

Ans: *(The) Turn of the Screw*

Team B: What 1878 James novella contrasts the naiveté of the title American girl as she experiences the sophisticated but less innocent society of Europe?

Ans: *Daisy Miller*

Toss Up: Many of the themes of *Daisy Miller* are continued in this much longer 1881 novel, generally regarded as one of James' best. The title character is Isabel Archer, another naive American who is given a trip to Europe where she is courted by three men, including a man who has pursued her from America. Her ultimate choice of an Italian husband proves disastrous. What is this work, that pre-figured the use of stream of consciousness?

Ans: *(The) Portrait of a Lady*

MATH: 60 SECONDS: Use this function for all questions in this category:  $f(x) = x^2 - 1/x^2 - x - 6$   
[Read: f of x equals x squared minus one over x squared minus x minus 6]

Team B: Find the equation or equations of all vertical asymptotes.

Ans:  $x = 3$  and  $x = -2$  [both required; either order; "x equals" must be part of the answer]

Team A: Find the equation or equations of all non-vertical asymptotes.

Ans:  $y = 1$  [must have "y equals" as part of the answer]

Toss Up: Find all X-intercepts and list them as ordered pairs.

Ans:  $(1, 0)$  and  $(-1, 0)$  [either order]

What???

WORLD HISTORY: Identify the following explorers of the South Pole.

Team A: In December, 1911, what Norwegian became the first man to reach the South Pole?

Ans: (Roald) Amundson

Team B: This British explorer arrived at the South Pole in January, 1912, only to find the Norwegian flag already flying there. Who perished, along with his entire crew, on the way back to their ship?

Ans: (Robert) Scott

Toss Up: This Antarctic explorer's ship was appropriately named *Endurance*. He had accompanied Robert Scott on an expedition in 1904, but was sent home for health reasons. In 1914, he began an expedition to be the first to travel across Antarctica, but his ship became icebound and was crushed. The crew survived on ice floes until they reached Elephant Island, and then this man and a chosen few sailed 720 miles through Antarctic storms to South Georgia Island to find help to rescue his men. After three years, what man returned with all his crew to England, where he was never as esteemed as Scott but whose legacy was revived in an Emmy-winning movie by Kenneth Branagh in 2002?

Ans: (Ernest) Shackelton

FINE ARTS: Identify the following English composers.

Team B: Appointed "Master of the King's Musick" in 1924 was what composer of *Pomp and Circumstance*?

Ans: (Edward) Elgar

Team A: Considered the greatest English composer of the 20th century was what composer of *War Requiem* and *The Young Person's Guide to the Orchestra*?

Ans: (Benjamin) Britten

Toss Up: Many people are surprised to learn that this 19th-20th century composer with a decidedly German name was actually born in England, where he spent his entire life. His compositions were greatly influenced by the poetry of Thomas Hardy and Walt Whitman. He is primarily known for a single work that he composed in 1916 after he had been turned down for service in World War I while his wife was serving as an ambulance driver. Who was this composer of *The Planets*?

Ans: (Gustav) Holst

## LIFE SCIENCE

Team A: What plant hormone is responsible for the elongation of a plant's cells?

Ans: auxin(s)

Team B: What plant hormone is responsible for regulating growth, germination, dormancy, and leaf development?

Ans: gibberellin(s)

Toss Up: This hormone was first discovered in the 1950s and was originally called "dormin" because it inhibited growth in dormant buds. Later, it was discovered to be identical to the hormone that controls such functions as regulating stomata and inducing gene transcription. What is this hormone that also helps account for the dropping of leaves and seeds?

Ans: abscissic acid

ENGLISH/WORLD LITERATURE: Identify the following Elizabethan poets not named William Shakespeare.

Team B: What poet and dramatist wrote the poem "The Passionate Shepherd to His Love"?

Ans: (Christopher) Marlowe

Team A: What poet and courtier wrote the poem "The Nymph's Reply to the Shepherd"?

Ans: (Sir Walter) Raleigh

Toss Up: This Elizabethan poet is also widely regarded as the best literary critic of his time. He is most famous for his sonnet sequences. He died while fighting the Spanish in Holland but left behind a number of famous works, including the famous *Astrophel and Stella*. Who was this man, who also wrote *The Defense of Poesy*?

Ans: (Sir Philip) Sidney

GOVERNMENT/ECONOMICS: Identify the following former cabinet departments that no longer exist at a cabinet level.

Team A: Created in 1792, added to the cabinet in 1872, but removed in 1970, is what department, which is now run as a semi-private business but was once headed by Ben Franklin?

Ans: post office [also accept postal service, postmaster general, or USPS]

Team B: In 1979, this department gave many of its duties to the newly-created Department of Education, while the remaining duties became part of Health and Human Services. What was this department?

Ans: HEW or Health, Education, and Welfare

Toss Up: This department was created in 1903 but was divided into two in 1913. What is this department, which now includes the two departments headed by Penny Pritzker and Thomas Perez?

Ans: (Department of) Commerce and Labor [must be in this order]

## PHYSICAL SCIENCE

Team B: The mercury barometer was created by what 17th century Italian?

Ans: (Evangelista) Torricelli

Team A: Torricelli was the personal secretary of what other great Italian Renaissance scientist?

Ans: Galileo (Galilei)

Toss Up: Because of the poisonous nature of mercury, this other barometer has largely replaced Torricelli's for household use. In this form, air pressure bends the elastic top of a thin membrane. Also used in airplane altimeters is what form of the barometer?

Ans: aneroid

## WORLD GEOGRAPHY

Team A: Technically, the United States includes eleven different time zones if all Pacific island territories are included, but if one includes only time zones that include actual states, how many does the U. S. have?

Ans: 6

Team B: Because it includes island possessions such as Martinique and Reunion Island, what European country has twelve time zones--the most of any country?

Ans: France

Toss Up: This country once had five time zones, but in 1949, its government united the country into a single time zone. Since one province can be on the same time as another province 3,000 miles away, tourists often have trouble adjusting to the times when activities take place, although many areas operate on "local" time. What is this country, where all clocks are adjusted to Beijing Standard Time?

Ans: China

## AMERICAN HISTORY

Team B: What 1787 law is generally regarded as the most important piece of legislation passed under the Articles of Confederation?

Ans: Northwest Ordinance [prompt on "Northwest" alone; accept Ordinance of 1787]

Team A: The Northwest Ordinance set aside lands that are protected by the government and not to be sold to private individuals. What two-word term is applied to these lands, a term that also applies to writings on which the copyright has expired?

Ans: public domain

Toss Up: The shape of this state was used to fashion a plaque honoring the Northwest Ordinance that was placed on the outside of Federal Hall in Lower Manhattan. It is not New York but what other state, the first carved from the Northwest Ordinance, which gives its shape to this plaque?

Ans: Ohio

## ALPHABET ROUND "W"

1. In French, to speak this way is *chuchoter*, as a noun it is *murmure*; in English it is spelled the same way whether a noun or a verb
2. In boxing, this weight class comes between lightweight and middleweight
3. The SI unit of magnetic flux that is abbreviated Wb
4. This is the land between two drainage basins; Ohio has two--one for Lake Erie and one for the Ohio River
5. This 20th century Jewish German-American composer collaborated with Bertolt Brecht to write *The Threepenny Opera* which contains his most famous song, "Mack the Knife"
6. Consisting of the army, navy, and Luftwaffe, this was the collective term for the armed forces of Germany from 1935 to 1946
7. MULTI-WORD ANSWER: Until becoming Speaker of the House, Paul Ryan was the chairman of this most influential committee that writes tax bills; committee is so important, that those serving on it are usually not allowed to sit on any other committees
8. This man, influential in the presidential campaign of JFK, won the first Pulitzer ever awarded in the category of Non-fiction for his work, *The Making of the President*
9. Written in 422 BCE, this play by Aristophanes is a political satire that is widely regarded as one of the best comedies ever written
10. TWO-WORD ANSWER: Robert Byrd represented this state in Congress for a total of 57 years
11. This Oxford University professor was the first to explain Fermat's Last Theorem
12. A number of stakes or pieces of wood woven together to form a wall or roof; often used as the base over which a thatched roof is laid
13. This Nintendo home video console succeeded the Nintendo Cube and competes with the Sony PlayStation and the Microsoft Xbox systems
14. TWO-WORD ANSWER: Common name for pertussis
15. This root plant is often used as a condiment in Japanese cooking
16. MULTI-WORD ANSWER: Famous absurdist play by Samuel Beckett about Estragon and Vladimir and a title character who never arrives
17. The first, unauthorized English translation of the Bible is attributed to this reformer of the 14th century
18. This famous 1963 pop art painting by Roy Lichtenstein is based on a DC comic image
19. Cardiff is the capital of this part of the island of Great Britain
20. Inventor of the cotton gin and developer of the concept of interchangeable parts in manufacturing

## ANSWERS TO ALPHABET ROUND "W"

1. whisper
2. welterweight
3. weber
4. watershed
5. Weill (Kurt)
6. Wehrmacht
7. Ways and Means
8. White (Theodore)
9. *(The) Wasps*
10. West Virginia
11. Wiles (Andrew)
12. wattle(s)
13. Wii
14. whooping cough
15. wasabi
16. *Waiting for Godot*
17. Wycliffe (John) [accept various spellings, as multiple spellings are used]
18. *Whaam!*
19. Wales
20. Whitney (Eli)

## FINAL ROUND

1. This art term comes from the Portuguese word for "broken pearl," a name that was selected because the art of this period had the beauty and luster of a pearl but it lacked the balance of the Renaissance. What was this period, generally said to have begun around 1600 AD?

Ans: Baroque

2. During World War II, this nominally neutral country gave permission for a quarter of a million Nazi troops to cross its borders in order to reach the nation to its east. What was this country, whose neutrality did not prevent it from allowing the further invasion of Finland?

Ans: Sweden

3. This word may come from Jewish history where it refers to the plain of Megiddo, where a number of battles took place. According to the book of *Revelation*, what is the name of the battlefield on which the forces of good and evil will meet before the Day of Judgment?

Ans: Armageddon

4. This British physicist and chemist is considered to be the father of electrochemistry. Whose discovery of electromagnetism and induction led to the creation of the electric motor?

Ans: (Michael) Faraday

5. In economics, these are goods that are related such that the increase in the price of one leads to an increase in the demand for another, as when oil prices rise and people begin looking for alternative energy sources. In your classroom, what same term can refer to a person who is taking the place of your regular teacher?

Ans: substitute(s)

6. The Dover Company's coloring book of "Homes of the American Presidents" includes the Octagon House in Washington, D. C., which served as this president's temporary home. Which U. S. president lived there after the White House had been burned by the British IN 1814?

Ans: (James) Madison

7. Although Alaska has more lakes than any other state and Wisconsin has the second most, what state is known as the "Land of 10,000 Lakes"?

Ans: Minnesota

8. This word is a synonym for laziness, but it also the name of a South and Central American mammal that may have two or three toes depending on species. What is this word, which also names one of the seven deadly sins?

Ans: sloth

9. If a bored Russian student is looking out the "ockno," he is looking through what glass plated area?

Ans: window



10. For years, scholars have sought to learn more about this fifth century BCE Chinese author, whose major work is still read and studied. Current thought suggests that he might have been several men rather than just one. What man is attributed as the author of *The Art of War*?

Ans: Sun Tzu [also accept Sunzi]

11. The largest museum of science and technology is located not in the U. S. but in Germany in this southern city. What capital of Bavaria is better known for its history and its Oktoberfest?

Ans: Munich

12. The borders of the lower 48 states became essentially the same as they are today in 1853 when this man purchased a large strip of land from Mexico?

Ans: (James) Gadsden

13. This largely autobiographical novel was published in 1963 pseudonymously under the name Victoria Lucas. Most of the plot focuses on the summer and autumn after the author's junior year in college. What is this only published novel by poet Sylvia Plath?

Ans: (*The*) *Bell Jar*

14. This controversial chemical was first patented in 1939. Although it was extremely effective, it was outlawed in 1972 in the United States and in 2002 by the Stockholm Conference because of its danger to both humans and wildlife. What is this effective but dangerous pesticide?

Ans: DDT or dichloro-diphenyl-trichloroethane

15. This city is a national capital, and it is also the largest inland city, but it is only the eighth largest city in the country in which it is located. Located between Sydney and Melbourne is what capital of Australia?

Ans: Canberra

16. When 41-year-old Nola died at the San Diego Zoo in November, 2015, she left only three remaining members of this species alive. All are protected in a sanctuary in Kenya. What is this nearly extinct species, the southern variety of which is rebounding and may be used to carry embryos to preserve this northern species?

Ans: (northern) white rhino

17. This name from Norse mythology sounds like a request. What three-letter word is the name of the first man, who was created from an ash tree?

Ans: Ask

18. 10 seconds: What is the least common multiple of 8, 15, 16?

Ans: 240

19. In 2011, this famous ballet hall was restored to the acoustics it had known before the Soviet era. From the Russian word for "big," what theater is home to one of the most famous ballet troupes in the world?

Ans: (the) Bolshoi (Theater)

20. The AB blood type is an example of this kind of genetic combination that is neither dominant nor recessive. What is this relationship, in which both alleles are expressed?

Ans: codominance