

REPLACEMENT 1. Interdisciplinary

This word is the last name of a London thief hanged in 1725 who was written about by Henry Fielding. WB Yeats wrote a poem about swans of this type at Coole, and it is the first word in the title of an Ibsen play involving the Ekdal and Werle families, in which it modifies the word Duck. This nickname was applied to a man who supposedly was shot while holding a pair of aces and a pair of eights, Bill Hickok. Give this four letter antonym of tame.

ANSWER: Wild

REPLACEMENT 2. Current Events

This state already features Sam Caligiuri, Peter Schiff, and Rob Simmons running in the Republican Primary for its Senate seat next year. When a famous woman recently entered this state's race, Republicans pointed out that she has donated more money to Democrats than Republicans, and Democrats suggested that she promoted necrophilia on television. That woman, Linda McMahon, was made famous by World Wrestling Entertainment. Those Republicans plan on challenging incumbent Chris Dodd. Name this state whose other Senator, who recently won reelection despite losing his Democratic Primary, is Joe Lieberman.

ANSWER: Connecticut

REPLACEMENT 3. Algebra/Precalculus (30 Seconds)

Find both solutions to the equations the absolute value of the quantity nine minus two x equals x.

ANSWER: 3 & 9 (both answers needed in either order)

REPLACEMENT 4. British Literature

One of this writer's poems ends with his muse telling him, "Fool, look in thy heart, and write." One of his prose works begins with him listening to a talk on horsemanship next to his friend Edward Wotton and proceeds to argue against the ideas of Stephen Gosson. Another of this writer's works, which begins with Strephon speaking to Claius about the departure of Urania, is sometimes called *Arcadia*. This writer's best known collection includes one hundred eight sonnets, including "Come sleep, Oh sleep, the certain knot of peace". Name this 16<sup>th</sup> Century writer of *Astrophel and Stella*.

ANSWER: (Philip) Sidney

REPLACEMENT 5. World History

This politician's last few years as prime minister were controversial once Louis Riel was hanged for treason at the end of the Northwest Rebellion. At an earlier point, he had resigned after a telegram from him asking for ten thousand dollars from Hugh Allan was found, handing over power to the Liberal Party headed by Alexander MacKenzie. The bribery was part of his effort to build a transcontinental railroad after he played a leading role in passing the British North America Act of 1867. Name this first Prime Minister of Canada.

ANSWER: (John) MacDonald

#### REPLACEMENT 6. Chemistry

In titration, this quantity is treated as though it varies inversely with volume. Closely associated with a similar quantity, it usually is the smaller of the two if they are different in redox reactions and the larger in acid-base and precipitation reactions. The same solution can be given two different numerical values of this measure depending on the reaction it will be used for. It equals the equivalent weight of a constituent per liter of solvent. Name this measure of concentration that is usually a whole number multiple of molarity.

ANSWER: Normality

#### REPLACEMENT 7. Music

After an introduction in A Major and three downward bass notes, this piece has several parts in D Major. Its lyrics by Josef Weyl encouraged people to be happy despite the recent defeat by Prussia of Austria, and modern vocal performances are more likely to have lyrics by Franz von Gernerth. The composer's favorite part of this composition was the coda, which refers to the fourth waltz in F Major. Name this work by Johann Strauss the Younger named after the major river going through Vienna.

ANSWER: (By The Beautiful) Blue Danube (Waltz) (or An der schönen blauen Donau, do not accept Danube)

#### REPLACEMENT 8. Geometry/Trigonometry (30 Seconds)

Find the period in radians for the following function containing a sum:  $y$  equals the sine of three  $x$  plus the cosine of two  $x$ .

ANSWER:  $2\pi$

#### REPLACEMENT 9. Nonfiction

In his last work, this writer argued that it is impossible to use reason to design an ethical world system and that there are fundamental flaws in Socialism. His best-known work, published during World War Two, argued that governments should be more interested in economic freedom than in fairness, pointing out the governmental flaws in Germany and the Soviet Union. Name this economist and philosopher who wrote *The Fatal Conceit*, *The Constitution of Liberty*, and *The Road to Serfdom*.

ANSWER: (Friedrich von) Hayek

#### REPLACEMENT 10. World Literature

Several of this writer's works start with illusory marriages, including *Misoumenos*, known as "The Man She Hated", and another work featuring the characters Habrotonon and Pamphila. The only one of his plays that is now complete starts with a monologue by Pan and shows a young man in love named Sostratos trying to impress his beloved's grouchy father. Name this early Hellenistic playwright who wrote *Men At Arbitration* and *Dyskolos*.

ANSWER: Menander

REPLACEMENT 11. Geography/Astronomy/Earth Science

The subtropical one of these entities exists around thirty degrees latitude at an altitude of fifteen kilometers. The polar one of this phenomenon exists around forty to sixty degrees latitude at an altitude of ten kilometers or a little lower. Located in the upper part of the troposphere, their shape is wobbly rather than straight, and they move eastward. Name these air currents useful in airplane travel.

ANSWER: Jet (Stream(s))

REPLACEMENT 12. Vocabulary

This synonym of ontology and eschatology philosophically describes the study of the origin of, components of, and reason for the universe. This term is based on the Greek words for study of the universe and is a source of conflict between traditional religions and modern physics. Give this term related to the Big Bang Theory.

ANSWER: Cosmology

REPLACEMENT 13. Biology

This term refers to the bottoms of several organs, such as the bladder, uterus, and eye, and it also refers to the top of another organ. In that organ, this area produces ghrelin when it is empty, and, like the main body of the organ, produces hydrochloric acid, mucus, and pepsinogen. Name this region above the base of the esophagus in the stomach.

ANSWER: Fundus

REPLACEMENT 14. US History

This man used the alias Robert Kling, and the original charges against him were for driving without a license plate and proof of insurance and illegally carrying and transporting a loaded weapon. He was later identified as the John Doe Number One in an international manhunt, and John Doe Number Two was never found. This man claimed as his address a Michigan farm belonging to Terry Nichols. This Gulf War veteran was eventually executed in 2001, six years after his most famous act. Name this man who blew up the Alfred P. Murrah building in Oklahoma City.

ANSWER: (Timothy) McVeigh

REPLACEMENT 15. Art/Architecture

One of this man's paintings shows people lying in the grass playing chess and another shows his niece in seven poses in a cashmere shawl. He traveled to Egypt in the early 1890s, where he painted several Bedouins, and during World War One he painted *Gassed*. One of his portraits is life sized, with a woman in a black dress whose head is turned to the side. Another painting shows the daughters of Edward Darley Boit. Name this artist who made portraits of Robert Louis Stevenson, Eliza Wedgwood, Lady Agnew of Lochnaw, Theodore Roosevelt, Frederick Olmsted, and Madame X.

ANSWER: (John Singer) Sargent

REPLACEMENT 16. Pyramidal Math (30 Seconds)

This number equals the sum of the number of diagonals in a convex fifteen-gon plus the number of diagonals in a convex twenty-gon. This same number also equals the dollars of the expected value of a payout that gives \$440 one-fourth of the time and otherwise gives \$200. If two cars start at the same point, and one goes North at 5 miles per hour while the other goes West at 12 miles per hour, this will be the distance between them after 20 hours in miles. Give this number equal to the number of possible passwords that consist of a capital letter followed by a digit.

ANSWER: 260

REPLACEMENT 17. Religion/Mythology

A Catholic litany claims that this entity is the comforter and the sanctifier. Works that can only be performed with its aid are known as its twelve fruits, and people are made virtuous through the seven gifts of this being. Jesus told his disciples to receive it when he appeared to them after his death, and Pentecosts believe it is responsible for the ability to speak in tongues. Name this part of the Trinity that joins with God the Father and God the Son.

ANSWER: Holy Spirit (or Holy Ghost)

REPLACEMENT 18. Physics (10 Seconds)

The constant in this law is added the same way capacitance is added for parallel and series arrangements, and it equals cross-sectional area times Young's Modulus divided by length. Three-dimensional versions of this law use Cauchy stress tensors, and the law is sometimes stated as strain is proportional to stress. Its namesake stated it as, "With the tension goes the force." Name this law associated with springs often expressed with the equation  $F$  equals the opposite of  $kx$ .

ANSWER: Hooke's Law)

REPLACEMENT 19. US Literature

During a long engagement in this novel, a man orders lilies every day for his fiancée. A married man who is called the foremost authority on form in New York City, Lawrence Lefferts, supposedly made passes at a woman recently divorced from a Polish Count who returned home. Both the fiancée and the countess in this book are the granddaughters of Manson Mingott. Set in the 1870s and finished in 1920, much of it has to do with the young couple May Welland and Newland Archer. Name this novel by Edith Wharton.

ANSWER: (The) Age of Innocence

REPLACEMENT 20. Western European History

This event occurred nine years after Robert Harley devised what was nicknamed the Earl of Oxford's Masterpiece and a few years after John Law made a fortune in France with the Mississippi Company. John Aislable and John Blunt were in charge near the end of financing government debt with gold and silver from Mexico and Peru, but due to war with Spain and mismanagement, very little gold or silver was collected. A warning speech against this that was initially ignored eventually led to the popularity of Robert Walpole. Name this market speculation and crash that occurred in 1720.

ANSWER: South Sea (Bubble)

DESPERATION SHOT                      HEY JOE                      Name \_\_\_\_\_

Circle the best answer for each question. There is no penalty for guessing:

1. What is the real first name of Joe the Plumber?

Jack                      Michael                      Robert                      Samuel

2. Which Dickens book has a character named Joe Gargery?

A Christmas Carol                      David Copperfield                      Great Expectations                      A Tale of Two Cities

3. Where were a group of escaped slaves led by Cudjoe?

Cuba                      Haiti                      Jamaica                      Puerto Rico

4. Which variables are adjusted by parameters in the most common formulation of the equation named after Johannes van der Waals?

P&T                      P&V                      R&V                      T&V

5. What was the nickname of jazz cornet player Joe Oliver?

Baby                      Doc                      King                      Lucky

6. Which word fills in the blank in a Joseph Stiglitz book title: \_\_\_\_\_ Trade For All?

Fair                      Free                      Open                      Slave

7. Who wrote about Joseph Knecht in *The Glass Bead Game*?

Buchner                      Grass                      Hesse                      Mann

8. Which of the following cities was once named Stalingrad by Joseph Stalin?

Irkutsk                      Nizhny Novgorod                      Omsk                      Volgograd

9. Joseph Murray was the first person to successfully transplant which organ in 1954?

Heart                      Kidney                      Liver                      Stomach

10. Which President's assassination was predicted by Italian policeman Joe Petrosino?

Garfield                      Kennedy                      Lincoln                      McKinley

11. Joseph MW Turner painted what with a sunrise?

River Boats                      Sea Monsters                      Water Lilies                      Willow Trees

12. Who founded the Church of Latter Day Saints?

Joseph Smith, Sr.                      Joseph Smith, Jr.                      Joseph Smith III                      Joseph Smith IV

13. What is split in the effect named after Johannes Stark?

Beta Particles                      Nuclei                      Quarks                      Spectral Lines

14. What is the last name of the major Faulkner character named Joe?

Christmas                      Columbus                      Easter                      Pulaski

15. Which nation was Napoleon's older brother Joseph the King of?

Holland                      Luxembourg                      Portugal                      Spain

Tiebreaker (closest on either side): Write the natural log of ten rounded to the nearest millionth.

Answers: Samuel, Great Expectations, Jamaica, P&V, King, Fair, Hesse, Volgograd,  
Kidney, McKinley, Sea Monsters, Jr, Spectral Lines, Christmas, Spain, 2.302585