

Free Ged (2024) Questions

Mathematical Reasoning

Question: Simplify the expression: $(3x^2 + 2x - 7)$ when $x = 4$

Answer: 53

Question: If $a + 2b = 10$ and $2a - b = 4$, what is the value of a ?

Answer: 4

Question: Solve the equation: $2x - 5 = 3x + 1$

Answer: 2

Question: A rectangular garden has a length of $5x + 3$ meters and a width of $2x - 1$ meters. What is the area of the garden?

Answer: $10x^2 + x - 3$

Question: The sum of three consecutive even integers is 54. What are the integers?

Answer: 20, 22, 24

Question: If $2^a = 8$, what is the value of a ?

Answer: 3

Question: A box contains 3 red balls, 4 blue balls, and 5 green balls. If one ball is randomly chosen, what is the probability of selecting a blue ball?

Answer: $\frac{1}{3}$

Question: If $x^2 - 9 = 0$, what are the solutions for x ?

Answer: -3 and 3

Question: The sum of two numbers is 25. If one number is 12, what is the other number?

Answer: 13

Question: Solve for y : $2y + 7 = 15$

Answer: 6

Question: The length of a rectangle is $3x + 2$ and the width is $x - 1$. What is the area of the rectangle?

Answer: $3x^2 + x - 2$

Question: The perimeter of a square is $24x$ centimeters. What is the length of one side?

Answer: $6x$

Question: If $4^b = 16$, what is the value of b ?

Answer: 2

Question: The sum of three consecutive odd integers is 69. What are the integers?

Answer: 25, 27, 29

Question: Solve the inequality: $2x - 3 < 7$

Answer: $x < 5$

Question: A right-angled triangle has legs of lengths a and b and a hypotenuse of length c . If $a = 3$ and $b = 4$, what is the length of c ?

Answer: 5

Question: Simplify the expression: $\sqrt{16} + \sqrt{25}$

Answer: 10

Question: If $5x - 3 = 2x + 7$, what is the value of x ?

Answer: 2

Question: The area of a circle is 36π square centimeters. What is the radius?

Answer: 6 cm

Question: The sum of two consecutive integers is 19. What are the integers?

Answer: 10 and 11

Question: Solve for z : $(4z/3) = 8$

Answer: 6

Question: A triangle has angles of $2x$, $3x - 10$, and $4x + 20$. What is the sum of the angles?

Answer: 190 degrees

Question: If $x^2 + 5x + 6 = 0$, what are the solutions for x ?

Answer: -2 and -3

Question: The sum of four consecutive integers is 70. What are the integers?

Answer: 18, 19, 20, 21

Question: Solve for k : $(3k - 2)/4 = 5$

Answer: 8

Question: The length of a rectangle is $2x + 1$ meters and the width is $x - 2$ meters. What is the perimeter of the rectangle?

Answer: $6x + 1$

Question: The sum of two numbers is 30. If one number is 18, what is the other number?

Answer: 15

Social Studies

Question: Who wrote the Declaration of Independence?

Answer: Thomas Jefferson

Question: In what year did Christopher Columbus first arrive in the Americas?

Answer: 1492

Question: Which battle is considered the turning point of the American Civil War?

Answer: Gettysburg

Question: Who was the first President of the United States?

Answer: George Washington

Question: What was the main cause of the Great Depression in the 1930s?

Answer: Stock market crash

Question: Which document outlines the fundamental principles and laws of the United States?

Answer: Constitution

Question: Who was the leader of the Civil Rights Movement and advocated for nonviolent civil disobedience?

Answer: Martin Luther King Jr.

Question: In what year did the United States declare its independence from Great Britain?

Answer: 1776

Question: Which amendment to the U.S. Constitution grants the right to bear arms?

Answer: Second Amendment

Question: Who was the 16th President of the United States and issued the Emancipation Proclamation?

Answer: Abraham Lincoln

Question: What was the main reason for European exploration in the 15th and 16th centuries?

Answer: Trade routes to Asia

Question: Which event marked the beginning of World War II?

Answer: Invasion of Poland

Question: Who was the primary author of the Federalist Papers, a series of essays promoting the ratification of the U.S. Constitution?

Answer: Alexander Hamilton

Question: What is the capital of the United States?

Answer: Washington, D.C.

Question: Which war was fought between the Northern states and the Southern states in the 1860s?

Answer: American Civil War

Question: Who is known as the 'Father of the Constitution' for his role in drafting the U.S. Constitution?

Answer: James Madison

Question: What is the economic system where businesses and industries are privately owned for profit?

Answer: Capitalism

Question: Which woman's rights activist organized the Seneca Falls Convention in 1848, leading to the first women's rights declaration?

Answer: Elizabeth Cady Stanton

Question: Who was the commander-in-chief of the Continental Army during the American Revolutionary War?

Answer: George Washington

Question: Which U.S. president is known for his role in the establishment of national parks and conservation efforts?

Answer: Theodore Roosevelt

Question: What is the name of the U.S. national anthem?

Answer: The Star-Spangled Banner

Question: Who was the founder of the American Red Cross?

Answer: Clara Barton

Question: What was the major goal of the Lewis and Clark expedition?

Answer: Explore the Louisiana Purchase

Question: Which amendment to the U.S. Constitution abolished slavery?

Answer: Thirteenth Amendment

Question: Who was the principal author of the Bill of Rights?

Answer: James Madison

Question: Which U.S. president is associated with the policy of detente during the Cold War?

Answer: Richard Nixon

Question: What was the purpose of the Monroe Doctrine?

Answer: Oppose European colonization in the Americas

Question: Who was the leader of the Soviet Union during much of the Cold War?

Answer: Joseph Stalin

Question: Which U.S. state was admitted to the Union as the 50th state?

Answer: Hawaii

Question: Who was the famous African American leader and spokesperson for civil rights who advocated for nonviolent protest?

Answer: Martin Luther King Jr.

Question: What is the term for the constitutional principle that ensures each branch of government has separate and distinct powers?

Answer: Checks and balances

Question: Who is known for the invention of the cotton gin, which had a significant impact on the southern economy and slavery?

Answer: Eli Whitney

Question: Which U.S. president is associated with the New Deal programs during the Great Depression?

Answer: Franklin D. Roosevelt

Question: What was the significance of the 1963 March on Washington for Jobs and Freedom?

Answer: Call for civil rights legislation

Question: Which Native American woman played a key role in the Lewis and Clark expedition as a guide and interpreter?

Answer: Sacagawea

Question: What was the primary cause of the Dust Bowl during the Great Depression?

Answer: Drought and poor farming practices

Question: Who was the leader of the feminist movement in the late 19th and early 20th centuries and fought for women's suffrage?

Answer: Susan B. Anthony

Question: Which U.S. president is known for the policy of Manifest Destiny and the annexation of Texas?

Answer: James K. Polk

Question: What was the name of the ship that brought the Pilgrims to America in 1620?

Answer: Mayflower

Question: Which U.S. state was the site of the first successful powered airplane flight by the Wright brothers?

Answer: North Carolina

Question: Who was the primary author of the U.S. Constitution and is often called the 'Father of the Constitution'?

Answer: James Madison

Question: What was the primary goal of the Women's Suffrage Movement?

Answer: Obtain the right to vote for women

Question: Which U.S. president is associated with the Louisiana Purchase in 1803?

Answer: Thomas Jefferson

Science

Question: Which of the following is a characteristic of an element?

Answer: Made up of atoms with the same number of protons

Question: What is the main function of the mitochondria in a cell?

Answer: Cellular respiration

Question: What is the unit of measure for electric current?

Answer: Ampere

Question: Which gas is essential for photosynthesis in plants?

Answer: Carbon dioxide

Question: What is the chemical symbol for gold?

Answer: Au

Question: What is the function of the cerebrum in the human brain?

Answer: Processes sensory information and thoughts

Question: Which of the following is a renewable energy source?

Answer: Solar power

Question: What is the primary function of red blood cells in the human body?

Answer: Transport oxygen

Question: What is the process by which plants make their own food using sunlight?

Answer: Photosynthesis

Question: Which planet is known as the 'Red Planet'?

Answer: Mars

Question: What is the chemical formula for water?

Answer: H₂O

Question: Which of the following is a non-metal element?

Answer: Chlorine

Question: What is the main function of the respiratory system?

Answer: Exchange gases

Question: What is the largest planet in our solar system?

Answer: Jupiter

Question: What is the process of a liquid changing into a gas at the surface of the liquid?

Answer: Evaporation

Question: Which of the following is a greenhouse gas?

Answer: Carbon dioxide

Question: What is the function of the enzyme amylase in the digestive system?

Answer: Break down carbohydrates

Question: Which component of blood is responsible for clotting?

Answer: Platelets

Question: What is the formula for the speed of an object?

Answer: Distance divided by time

Question: What is the chemical symbol for oxygen?

Answer: O

Question: Which type of energy does an object possess due to its motion?

Answer: Kinetic energy

Question: What is the process of cell division that produces two identical daughter cells?

Answer: Mitosis

Question: What is the main function of the ozone layer in the Earth's atmosphere?

Answer: Block ultraviolet radiation

Question: Which of the following is a conductor of electricity?

Answer: Copper

Question: What is the chemical symbol for sodium?

Answer: Na

Question: In the periodic table, which group of elements is known as the noble gases?

Answer: Group 18

Question: What is the function of the gallbladder in the digestive system?

Answer: Store bile

Question: Which of the following is a renewable resource?

Answer: Solar energy

Question: What is the chemical symbol for carbon?

Answer: C

Question: What is the function of the lens in the human eye?

Answer: Form images on the retina

Question: Which of the following is an example of a chemical change?

Answer: Burning wood

Question: What is the SI unit of force?

Answer: Newton

Question: Which planet is known as the 'Morning Star' or 'Evening Star'?

Answer: Venus

Question: What is the chemical formula for methane?

Answer: CH₄

Question: Which of the following is a primary color of light?

Answer: Blue

Question: What is the process by which plants release water vapor into the atmosphere?

Answer: Transpiration

Question: What is the role of the pancreas in the digestive system?

Answer: Produce insulin

Question: Which of the following is a vector quantity?

Answer: Velocity

Question: What is the process by which rocks are broken down into smaller particles?

Answer: Weathering

Question: Which of the following is a characteristic of acids?

Answer: Turns blue litmus paper red

Question: What is the largest organ in the human body?

Answer: Skin

Question: Which of the following is a byproduct of cellular respiration in humans?

Answer: Carbon dioxide

Question: What is the SI unit of electric charge?

Answer: Coulomb

Question: Which of the following is a property of magnets?

Answer: Attract or repel other magnets

Question: What is the primary function of the large intestine in the digestive system?

Answer: Absorb water

Question: Which of the following is a characteristic of bases?

Answer: Turns red litmus paper blue

Question: What is the chemical symbol for iron?

Answer: Fe

Question: What is the main function of the small intestine in the digestive system?

Answer: Absorb nutrients

Ready to practice these questions live? Visit our website for an interactive experience!

[Practice Live on Pracbook.com](https://pracbook.com)