

1. Find the quotient of 144 and 12.

ANSWER: 12

2. Who invented the telephone?

ANSWER: ALEXANDER GRAHAM BELL

3. In the metric system, what is the basic metric unit of mass?

ANSWER: KILOGRAM

4. What word refers to animals with a backbone?

ANSWER: VERTEBRATES

5. Who invented the steam engine?

ANSWER: JAMES WATT

6. Name the planet in our solar system that is closest to the sun.

ANSWER: MERCURY

7. Convert the decimal 0.375 into a fraction in simplest terms.

ANSWER: $\frac{3}{8}$

8. Who invented the steam powered boat?

ANSWER: ROBERT FULTON

9. What is the symbol for milliliters?

ANSWER: mL

10. Identify the smallest prime number.

ANSWER: 2

11. State the 6 letter noun refers to any member of the cat family, and begins with the letter "f"?

ANSWER: FELINE

12. Who invented the phonograph?

ANSWER: THOMAS EDISON

13. In science, which element's symbol is "O"?

ANSWER: OXYGEN

14. What is the prefix meaning "10"?

ANSWER: DEKA-

15. Name the South American river that contains the largest volume of water in the world.

ANSWER: AMAZON

16. Who invented eyeglasses?

ANSWER: BENJAMIN FRANKLIN

17. In the International System of Units (SI), what is the unit of temperature?

ANSWER: KELVIN

18. Find the least common multiple of 6, 8, and 12.

ANSWER: 24

19. Who invented the successful flying airplane?

ANSWER: ORVILLE & WILBUR WRIGHT

20. One cubic centimeter is equal to how many milliliters?

ANSWER: 1 mL

21. What is the unit of density measurement?

ANSWER: GRAM/CM CUBED

22. Which force acts upon an object to slow it down, or stop its motion?

ANSWER: FRICTION

23. What temperature scale is used most often in the U.S. for weather?

ANSWER: FAHRENHEIT

24. Give the prime factorization of 48, and express your ANSWER using exponents.

ANSWER: 2 TO THE 4TH POWER TIMES 3

25. What is the meaning of prefix "kilo"?

ANSWER: 1,000

26. Who invented railroad air brakes?

ANSWER: GEORGE WESTINGHOUSE

27. Which animal is the fastest land mammal?

ANSWER: CHEETAH

28. What instrument used to measure temperature?

ANSWER: THERMOMETER

29. Identify the type of simple machine that consists of a rope and a wheel.

ANSWER: PULLEY

30. Who invented the railroad sleeping car?

ANSWER: GEORGE PULLMAN

31. In a fraction, what name is given to the number in the bottom of the fraction?

ANSWER: DENOMINATOR

32. Who invented the wireless telegraph?

ANSWER: GUGLIALMO MARCONI

33. Find the sum of 249, 36, and 151.

ANSWER: 436

34. What instrument used to measure mass?

ANSWER: BALANCE

35. Who invented mechanical reaper/harvester?

ANSWER: CYRUS MCCORMICK

36. Identify the 7 colors of the visible light spectrum.

ANSWER: RED, ORANGE, YELLOW, GREEN, BLUE, INDIGO, VIOLET

37. Who invented the telegraph?

ANSWER: SAMUEL MORSE

38. What is the meaning of the prefix "centi"?

ANSWER: 1/100th

39. Which coolant is used in its natural state at many energy plants?

ANSWER: WATER

40. Who invented the assembly line production?

ANSWER: HENRY FORD

41. What is the number the metric system uses as its base?

ANSWER: 10

42. What is the name of a cone-shaped mountain formed by lava?

ANSWER: VOLCANO

43. What gas makes up the majority of our atmosphere?

ANSWER: NITROGEN

44. The tanning rays of the sun are called:

w) infrared rays

y) ultraviolet rays

x) visible light

z) gamma rays

ANSWER: Y – ULTRAVIOLET RAYS

45. What weather phenomenon causes more deaths in the U.S. annually than any other except lightning?

ANSWER: TORNADOES

46. What is given to wood whose normal cells have been replaced with mineral deposits?

ANSWER: PETRIFIED WOOD

47. Pollination by birds is called:

w) autogamy

x) ornithophily (pron: or-nith-o-philly)

y) entomophily (pron: ent-eh-mof-illy)

z) anemophily (pron: an-eh-mof-illy)

ANSWER: X -- ORNITHOPHILY

48. Unlike rodents, the rabbit has how many incisor teeth?

ANSWER: FOUR

49. What percent of fire-related deaths are due to smoke inhalation rather than burns?

w) 10%

x) 50%

y) 80%

z) 99%

ANSWER: Y -- 80%

50. To what familiar fruit is the plantain similar?

ANSWER: BANANA

51. What U.S. President was recognized as a world authority on American game animals?

ANSWER: THEODORE ROOSEVELT

52. How many men have walked on the moon?

ANSWER: TWELVE

53. In what country do the greatest number of tornadoes occur?

ANSWER: UNITED STATES (Central and Southeastern portions)

54. What wonder drug was used for three years by the Army and Navy before becoming available to the general public in 1944?

ANSWER: PENICILLIN

55. Which sea is the saltiest natural lake and is also at the lowest elevation on the face of the earth?

ANSWER: THE DEAD SEA

56. The scarab, worshipped by the Egyptians, is what type of beetle?

ANSWER: DUNG BEETLE

57. As you go down into a well, your weight:

w) increases slightly

x) decreases slightly

y) remains exactly the same

ANSWER: X -- DECREASES SLIGHTLY

58. A cloud at ground level is called what?

ANSWER: FOG

59. What invention in about 1450 A.D. revolutionized communication and the world?

ANSWER: THE PRINTING PRESS

60. What is the name for the new technology whereby a glass fiber carries as much information as hundreds of copper wires?

ANSWER: FIBER OPTICS (OPTO-ELECTRONICS)

61. What mammal lays eggs?

ANSWER: PLATYPUS

62. Linseed oil comes from what plant?

ANSWER: FLAX

63. Bees must collect nectar from approximately how many flowers to make 1 pound of honeycomb? Is it:

w) 10 thousand

x) 2 million

y) 20 million

z) 50 million

ANSWER: Y -- 20 MILLION

64. What is the name of the largest North American terrestrial rodent, distinguished by its spiny covering?

ANSWER: PORCUPINE

65. Albacore is a type of:

w) shell-fish

x) tuna

y) marble

z) meteoroid

ANSWER: X – TUNA

66. The only species of cat that lives and hunts in groups is:

w) lion

x) leopard

y) jaguar

z) cougar

ANSWER: W -- LION

67. Linen is made from what plant?

ANSWER: FLAX

68. What is arachnology?

ANSWER: STUDY OF ARACHNIDS (accept: study of spiders or scorpions or relatives of spiders)

69. What is another name for the Paleolithic Age?

ANSWER: THE STONE AGE

70. What nocturnal animal group makes up one-fourth of all mammals species?

ANSWER: BATS or CHIROPTERA