

Some Mathematical QUIZ Questions

1. What is the value of π (pi) to two decimal places?
3.14
2. What is the square root of 144?
12
3. What is 15% of 200?
30
4. What is the sum of the angles in a triangle?
180 degrees
5. What is the formula for the area of a circle?
 πr^2
6. Solve for x: $2x + 3 = 11$
 $x = 4$
7. What is the smallest prime number?
2
8. What is the value of 7 factorial (7!)?
5040
9. What is the value of the expression 3^3 ?
27
10. What is the hypotenuse of a right triangle with sides of 3 and 4?
5
11. What is the result of 8 divided by 0?
Undefined
12. What is the derivative of x^2 ?
 $2x$
13. What is the sum of the first 10 natural numbers?
55
14. What is the value of the expression 2^5 ?
32
15. What is the perimeter of a square with a side length of 5 units?
20 units
16. What is the product of 9 and 8?
72
17. What is the formula for the volume of a cylinder?
 $\pi r^2 h$
18. Solve for y: $y/5 = 7$
 $y = 35$
19. What is the mean of the numbers 2, 4, 6, 8, and 10?

6

20. What is the probability of rolling a 3 on a standard six-sided die?
 $\frac{1}{6}$
21. What is the greatest common divisor of 24 and 36?
12
22. What is the value of the expression $4 + 4 * 4$?
20
23. What is the value of the logarithm $\log_{10}(100)$?
2
24. What is the next prime number after 11?
13
25. What is the formula for the slope of a line?
 $(y_2 - y_1) / (x_2 - x_1)$
26. What is the value of the expression 5^2 ?
25
27. Solve for z: $3z - 4 = 11$
 $z = 5$
28. What is the value of the expression $\sqrt{49}$?
7
29. What is the perimeter of a rectangle with a length of 6 units and a width of 4 units?
20 units
30. What is the value of the expression $10 - 3 * 2$?
4
31. What is the sum of the interior angles of a quadrilateral?
360 degrees
32. What is the formula for the area of a triangle?
 $(1/2) * \text{base} * \text{height}$
33. What is the least common multiple of 4 and 6?
12
34. What is the value of the expression $\frac{6}{3} + \frac{4}{2}$?
4
35. What is the value of the expression $7 - (-3)$?
10
36. What is the value of the sine of 90 degrees?
1
37. What is the formula for the circumference of a circle?
 $2\pi r$
38. Solve for x: $x/4 = 8$
 $x = 32$
39. What is the value of the expression 8^2 ?

64

40. What is the sum of the first 5 odd numbers?
25
41. What is the value of the cosine of 0 degrees?
1
42. What is the product of 12 and 12?
144
43. What is the value of the expression $9 * 10 / 2$?
45
44. What is the value of the expression $1/2 + 1/4$?
 $3/4$
45. What is the value of the tangent of 45 degrees?
1
46. What is the value of the expression $3 * (2 + 4)$?
18
47. What is the formula for the area of a rectangle?
 $\text{Length} * \text{Width}$
48. Solve for y: $4y - 5 = 15$
 $y = 5$
49. What is the value of the expression $100 / 4$?
25
50. What is the cube root of 27?
3
51. What is the value of the expression $5 * 6 - 2$?
28
52. What is the sum of the exterior angles of a polygon?
360 degrees
53. What is the value of the logarithm $\log_2(8)$?
3
54. What is the product of 15 and 2?
30
55. What is the value of the expression $20 - 5 * 3$?
5
56. What is the formula for the volume of a sphere?
 $(4/3)\pi r^3$
57. What is the value of the expression $7 + 8 * 2$?
23
58. What is the value of the expression $2^3 * 2^4$?
128
59. What is the mean of the numbers 5, 10, 15, and 20?
12.5

60. What is the value of the sine of 0 degrees?
0
61. What is the formula for the area of a parallelogram?
Base * Height
62. Solve for x: $5x = 25$
 $x = 5$
63. What is the value of the expression $3 + 6 / 2$?
6
64. What is the value of the expression $10 - 4 * 2$?
2
65. What is the value of the cosine of 90 degrees?
0
66. What is the product of 8 and 7?
56
67. What is the value of the expression $12 / 4 + 5$?
8
68. What is the value of the expression 2^4 ?
16
69. What is the formula for the volume of a cone?
 $(1/3)\pi r^2 h$
70. What is the value of the expression $6 + 7 * 2$?
20
71. What is the value of the expression $3^2 * 3^3$?
243
72. What is the median of the numbers 3, 5, 7, and 9?
6
73. What is the value of the tangent of 0 degrees?
0
74. What is the formula for the area of a trapezoid?
 $(1/2) * (base1 + base2) * height$
75. Solve for z: $4z + 3 = 19$
 $z = 4$
76. What is the value of the expression $8 / 2 + 3$?
7
77. What is the value of the expression $15 - 5 * 2$?
5
78. What is the value of the sine of 30 degrees?
0.5
79. What is the product of 9 and 5?
45
80. What is the value of the expression 6^2 ?

36

81. What is the formula for the surface area of a cube?

$6a^2$

82. What is the value of the expression $10 / 2 + 4$?

9

83. What is the value of the expression 3^3 ?

27

84. What is the mode of the numbers 2, 4, 4, 6, 8?

4

85. What is the value of the cosine of 60 degrees?

0.5

86. What is the formula for the perimeter of a triangle?

Sum of all sides

87. Solve for x: $7x - 4 = 17$

$x = 3$

88. What is the value of the expression $5 / 2 + 3$?

5.5

89. What is the value of the expression $12 - 3 * 4$?

0

90. What is the value of the sine of 60 degrees?

$\sqrt{3}/2$

91. What is the product of 11 and 3?

33

92. What is the value of the expression 2^6 ?

64

93. What is the formula for the volume of a rectangular prism?

Length * Width * Height

94. What is the value of the expression $9 / 3 + 4$?

7

Here are some logical questions

1. I am an odd number. Take away one letter and I become even. What number am I?
Seven
2. What comes once in a minute, twice in a moment, but never in a thousand years?
The letter M
3. If two's company, and three's a crowd, what are four and five?
Nine
4. I am a three-digit number. My tens digit is five more than my ones digit, and my hundreds digit is eight less than my tens digit. What number am I?
194
5. What has keys but can't open locks?
A piano
6. What gets wetter as it dries?
A towel
7. What is so fragile that saying its name breaks it?
Silence
8. The more you take, the more you leave behind. What am I?
Footsteps
9. I am not alive, but I grow. I don't have lungs, but I need air. I don't have a mouth, but water kills me. What am I?
Fire
10. I speak without a mouth and hear without ears. I have no body, but I come alive with the wind. What am I?
An echo
11. What has hands but can't clap?
A clock
12. What can travel around the world while staying in a corner?
A stamp
13. What has a head, a tail, but no body?
A coin
14. What has one eye but can't see?
A needle
15. What begins with T, ends with T, and has T in it?
A teapot
16. I have cities, but no houses. I have mountains, but no trees. I have water, but no fish. What am I?
A map
17. What has a heart that doesn't beat?

An artichoke

18. What runs but never walks, has a bed but never sleeps?

A river

19. What can be cracked, made, told, and played?

A joke

20. What has a thumb and four fingers but is not alive?

A glove

21. What has a neck but no head?

A bottle

22. The more you take, the more you leave behind. What am I?

Footsteps

23. What has roots as nobody sees, is taller than trees, up, up it goes, and yet never grows?

A mountain

24. I have branches, but no fruit, trunk, or leaves. What am I?

A bank

25. What has many keys but can't open a single lock?

A piano

26. What is full of holes but still holds water?

A sponge

27. What can you catch but not throw?

A cold

28. What has a ring but no finger?

A telephone

29. I am taken from a mine, and shut up in a wooden case, from which I am never released, and yet I am used by almost every person. What am I?

Pencil lead

30. What kind of room has no doors or windows?

A mushroom

31. What gets broken without being held?

A promise

32. If you drop me, I'm sure to crack, but give me a smile, and I'll always smile back. What am I?

A mirror

33. What is always in front of you but can't be seen?

The future

34. What has a bottom at the top?

Your legs

35. What goes up but never comes down?

Your age

36. What can you break, even if you never pick it up or touch it?

A promise

37. What goes through cities and fields, but never moves?

A road

38. I'm light as a feather, yet the strongest man can't hold me for much more than a minute. What am I?

Breath

39. What has a bed but doesn't sleep, and a mouth but doesn't speak?

A river

40. What can fill a room but takes up no space?

Light

41. What has a head and a tail, is brown, and has no legs?

A penny

42. What is as light as a feather, yet the strongest man can't hold it for much longer than a minute?

Breath

43. What kind of tree can you carry in your hand?

A palm

44. What has words, but never speaks?

A book

45. What has one eye but cannot see?

A needle

46. What comes down but never goes up?

Rain

47. What is always in front of you but can't be seen?

The future

48. What has a neck but no head?

A bottle

49. What is round and has no end?

A circle

50. What has a face and two hands but no arms or legs?

A clock

51. What has an eye but cannot see?

A needle

52. What is full of holes but still holds water?

A sponge

53. What has a ring but no finger?

A telephone

54. What can run but never walks, has a mouth but never talks, has a head but never weeps, has a bed but never sleeps?

A river

55. What can you keep after giving to someone?

Your word

56. What is always coming but never arrives?

Tomorrow

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Silence

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Your age

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A stamp

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A glove

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A teapot

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A map

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