

MATH TRIVIA QUESTIONS

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- 1> What is the square root of 196?
- 2> The property $A * B = B * A$ is known as?
- 3> A triangle with all three sides of unequal length is called?
- 4> In a set of data, the value that appears most frequently is called what?
- 5> What is the additive inverse of 3?
- 6> What is the highest honour that a mathematician can receive for his/her work?
- 7> $1+2+3+4+5+6+7+8+9+10 = ?$
- 8> What is $5!$?
- 9> The name given to the longest side of a right triangle is?
- 10> What number does 'giga' stand for?

Answers:

- 1> +14 and -14 - When you multiply 2 negatives you get a positive, that is why the definition of a square root includes both.
- 2> Commutativity - Not all number systems have commutativity with respect to multiplication , an example is matrix multiplication.
- 3> Scalene - The sum of the interior angles of a triangle is 180 degrees.
- 4> Mode - The mean is the average of all the values of the set.
- 5> -3 - The additive inverse of a number is another number when added to the first one sum to zero.
- 6> The Fields Medal - There is no Nobel Prize awarded for Mathematics.
- 7> 55 - This can be found easily with the formula $(n)(n+1)/2$, where n is the largest number you wish to add of the group.
- 8> 120 - 5! or 5 factorial is found by multiplying all numbers together that are less than or equal to 5 or $5*4*3*2*1 = 120$
- 9> Hypotenuse - Pythagoras developed the first recorded proof of a formula for solving the length of the hypotenuse for the right triangle - $a^2 + b^2 = c^2$
- 10> One billion - Giga is derived from the Greek language. It means 'giant'.

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