

MATH TRIVIA QUESTIONS II

(www.TriviaChamp.com)



- 1> What is the only even prime number
- 2> If $x+y = 7$, and $x-y = 4$, what is $(x^2)-(y^2)$?
- 3> What is the slope of the line defined by $y=2x+3$
- 4> The Roman Numeral, L, converts to what number in our number system?
- 5> What is the mathematical term for 'any pattern that reveals greater complexity as it is enlarged'?
- 6> 1,1,2,3,5,8,13,21,... is the sequence named for which mathematician?
- 7> The probability of flipping head 3 times in a row with 3 flips of a fair coin is?
- 8> Jimmy has flipped 10 heads in a row on his lucky quarter. What's the probability that the next flip will be heads?
- 9> The degree of the polynomial $(X^4) + (3X^2)+5X+6$ is?
- 10> Who is called the father of logarithms?

Answers:

1> 2 - A prime number is only divisible by 1 and itself.

2> $28 - (x^2) - (y^2)$ factors into $(x+y)(x-y)$.

3> 2 - The slope is defined to be the amount change in the y divided by the change in x.

4> 50 - LVII is 57.

5> fractal - Julia and Mandelbrot Sets are two examples of fractals.

6> Fibonacci - To get the next term in a Fibonacci Sequence, add the previous 2 terms.

7> $1/8$ - This probability is found by multiplying the probability of flipping heads 3 times, $1/2 * 1/2 * 1/2 = 1/8$

8> $1/2$ - It doesn't matter how many in a row it has been. This is an independent case and the probability stands at $1/2$ for heads.

9> 4 - The degree of a polynomial is the highest power of a variable.

10> John Napier - For any number a, $(a^0) = 1$

Links to Free Trivia on the Net

[Movie Trivia](#)

[Movie Trivia Questions](#)

[Elvis Trivia Questions](#)

[Beatles Trivia Questions](#)