

MATH TRIVIA QUESTIONS III



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1> A base 60 number system is known as?

- a. Hexadecimal
- b. Sixasimal
- c. Sexagesimal
- d. Septadecimal

2> In 300 BC Euclid, an Egyptian teacher put together a popular textbook, which summarized elementary mathematics. The book was known as?

- a. Elementary mathematics
- b. Simple math
- c. Elements
- d. Math for kids

3> The great mathematician Archimedes died in....

- a. 146 BC
- b. 309 BC
- c. 212 BC
- d. 268 BC

4> This civilization used a symbol that looks like a seashell to represent zero. Who were they?

- a. Aztec
- b. Sumerians
- c. Maya
- d. Inca

5> Which group of these numbers would be a palindrome?

- a. 56789
- b. 4983894
- c. 12
- d. 3517

6> In 830 AD, a book that covered the basics of the branch of mathematics known as Algebra was written. The author was...

- a. Leonardo Pisano
- b. Robert Recorde
- c. Muhammad ibn Musa AlKharizmi
- d. Hypatia

7> This series of numbers - 1,1,2,3,5,8,13 is known as...

- a. Fibonacci sequence
- b. Douctte sequence
- c. Ziegler sequence
- d. Uta sequence

8> A surface that has only one side and only one boundary component is known as a?

- a. Mobius strip
- b. Rhombus
- c. Dipole
- d. Tetrahedral

9> In 1936, the first international medals for mathematical distinction are awarded. They were known as....

- a. Math Medals
- b. Fields Medals
- c. Kasner Medals
- d. Archimedes Medals

10> The word mathematics comes from a Greek word meaning?

- a. To count
- b. What one learns

- c. Love of numbers
- d. Difficult to understand

11> A googol is a number with?

- a. A one with 100 zero's after it
- b. A one with 10 zero's after it
- c. A one with 1000 zero's after it
- d. A one with 10000 zero's after it

12> Isaac Newton shares credit with Gottfried Leibniz for the development of which branch of Mathematics?

- a. Euclidean geometry
- b. Differential and integral calculus
- c. Algebra
- d. Computability theory

Answers:

- 1> Sexagesimal - The Sumerians were the first to use a sexagesimal number system in 3,200 BC.
- 2> Elements - Copied and recopied over the centuries, 'Elements' first appeared in print in 1492.
- 3> 212 BC - Archimedes was killed when the Romans overran his hometown during the second Punic War.
- 4> Maya - Among other places, the Maya were located on the Yucatan peninsula in Central America.
- 5> 4983894 - If a palindrome is made entirely out of ones, zeros, and eights, it will read the same upside-down.
- 6> Muhammad ibn Musa AlKharizmi - Muhammad was a mathematician teaching in Baghdad.
- 7> Fibonacci sequence - Fibonacci a.k.a. Leonardo Pisano was an Italian mathematician.
- 8> Mobius strip - German mathematician August Ferdinand Mobius introduced the concept in 1865.
- 9> Fields Medals - Canadian mathematician John Fields funded the awards.
- 10> What one learns - The Greek, Eratosthenes used logic and simple math to determine the circumference of the Earth 2000 years ago.
- 11> A one with 100 zero's after it - In 1940, Edward Kasner and James Newman published a book in which the googol was introduced.
- 12> Differential and integral calculus - Computer Science