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Mathematics Quiz

Question Book

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Did you know?
Mathematician Katherine Johnson worked out how to get astronauts into space using basic geometry ... without a calculator!

Maths is used by engineers and scientists to solve the world's greatest problems. Can you solve these tricky maths puzzles and questions?

Question 1
What is the highest number used in a traditional Sudoku puzzle?

Question 2
What do the numbers add up to on the opposite sides of a dice?

Question 3
How many sides does a hexagon have?

Question 4
What is the next number in the Fibonacci sequence: 0,1,1,2,3,5 8,13,21,34, ...?

Question 5
What is the next Prime number after 7?

Question 6
Complete this Magic Square. Every row column and diagonal add up to 111 and all the numbers are different. Fill in the missing numbers!

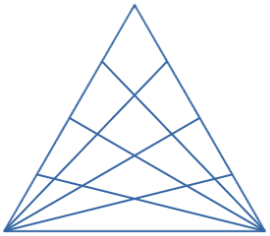
		7
13	37	

Question 7
How is 77 represented in Roman numerals?

Question 8
$3 + x = 237$ What is x?

Question 9
How many faces does a dodecahedron have?

Question 10
How many triangles are there in this diagram?

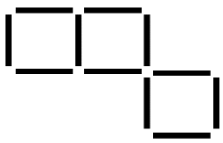


Question 11
Albert Einstein was born in March 1879 and died in April 1955. How old was he when he died?

Question 12
How many seconds are there in 1 day?

Question 13
The distance from the centre of a circle to its edge is called what?

Question 14
In this diagram 11 matches make 3 squares. Move 3 matches to make 2 squares.



Question 15
What are the missing numbers in this addition sum?

$$\begin{array}{r} \square\,7\,2 \\ +\,3\,\square\,8 \\ \hline 4\,7\,\square \end{array}$$

Did you know?
A 'jiffy' is an actual unit of time. It means 1/100th of a second.

Did you Know?
In a group of 23 people, the probability that at least two have the same birthday is over 50%

Score: /15

Like solving problems?
Mathematics is used by engineers to design the world around us. Use mathematics to design a rollercoaster in the Siemens Formula for Thrills Interactive Game. Scan the QR code to play!

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