Maths Problems

Here are 10 maths problems for you to think about. The answers are on the following slide. Try not to peep until you have solved the problem, or had a good think about it.

If you can, talk to someone about the problem.

1.

Put these decimal fractions in order, starting with the smallest.

0.017   0.710   7.01   0.071   0.107   1.07

1.

0.017   0.071   0.107   0.701   1.07   7.01

2.

174 children are going on the Scout camp.

Tents sleep 8 children.

How many tents are needed?

2.

22 tents

3.

Oliver says that the factors of 14 add up to 25.

Is he right?

3.

No. The factors of 14 are 1,2,7 and 14.

They add up to 24.

4.

Lily finds the sum of the factors of 24.

What is it?

4.

60

5.

Write one number that fits all 3 statements:

It is a multiple of 9.

It is a cubed number.

It is odd.

5.

27

How could you find another number that fits the statement?

5.

Tom thinks of a number

He halves it and adds 3.

His answer is 12

What number was he thinking of?

5.

18

6.

Which number must I add to the square of 7 to make 55?

6.

6

7.

Subtract the product of 7 and 3 from the product of 8 and 5

7.

19

8.

Ryan subtracted a number from 707,212 to get 504,100

What was his number?

8.

203,112

9.

Mr Doyle was born in the year MCMLXXII

What year was that?

9.

1972

(He wasn't really.)

10.

Harry has 100 matchsticks.

How many hexagons can he make?

10.

16

Life is a mathematical equation: in order to gain the most you have to know how to convert negatives into positives.

Anonymous