



Calculate  
 $10 - 2 \times 4$

2

This £30 shirt has 20% off in the January sales. How much do you save?



3

How many lines of symmetry does this shape have?



4

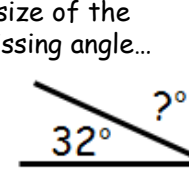
$$\begin{array}{r} 98 \\ + 97 \\ \hline \end{array}$$

5

Round 3956 to the nearest 100...

6

Calculate the size of the missing angle...



7

Alison went to a shop to return a Christmas gift. She joined the refund queue at 10:46 am. She got to speak to a shop assistant at 11:17 am. How long did Alison wait in the queue?



8



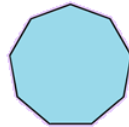
Sara has a bank balance of £15. She uses her bank card to buy an item costing £12 and then buys another item for £9. What will her new balance be?

9

Which of these are multiples of 3?  
16, 24, 36, 44, 51

10

What is the name of this shape? How many sides does it have? How many vertices?



11

Write 1101 in words

12

$$\begin{array}{r} 463 \\ - 189 \\ \hline \end{array}$$

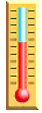
13

State the type of angle and its range...



14

The temperature at midnight was  $-2^{\circ}\text{C}$ . By morning, it rose by  $8^{\circ}\text{C}$ . What was the temperature in the morning?



15

Simplify the fraction below...

$$\frac{14}{21}$$

16

Which of these are equivalent fractions to  $\frac{1}{8}$ ?

$$\frac{2}{14} \quad \frac{3}{24} \quad \frac{4}{40} \quad \frac{5}{45} \quad \frac{6}{48}$$

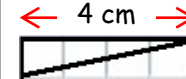
17

Solve the equation below...

$$3x = 33$$

18

Calculate the area of this shape...



19

Using the vocabulary of probability describe the outcome of the following event...



It will snow every day in January.

20

List ALL the factors of 30...

21

$$\begin{array}{r} 7386 \\ \times 4 \\ \hline \end{array}$$

22

Calculate  $\frac{2}{3}$  of 18

23

What is the name of this 3D object? How many faces does it have?



24

Change 402 centimetres into metres.



25

$$5 \overline{) 7390}$$

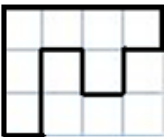
26

Chris is walking north-east. What direction is on his right?



27

Calculate the perimeter of 1 cm shape...



28

Paula's new year's resolution is to get more exercise. Here are her lap times around a training circuit;  
Lap 1 = 3 mins 38 secs  
Lap 2 = 5 mins 26 secs  
How long did she run in total?

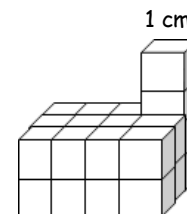


29

Write down the next two numbers in the sequence below  
20, 14, 8, 2, ...

30

What is the volume of this shape...



31

Calculate;  
 $600 \div 50$