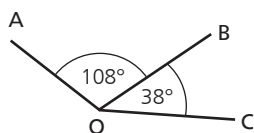




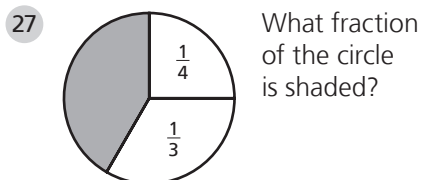
23  $16 - 6 \times 2 + 8 \div 2 =$

24  $\frac{£14.63}{7} =$

25 Calculate the reflex angle AOC.

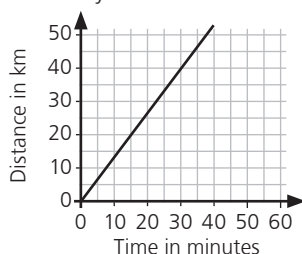


26 Harry missed the 08:48 train by 10min. How long did he have to wait for the next train at 10:25?



28  $\frac{3}{10} \times \frac{1}{2} =$

29 The graph shows the speed of a car. Use the graph to find the time taken by the car to travel 20km.



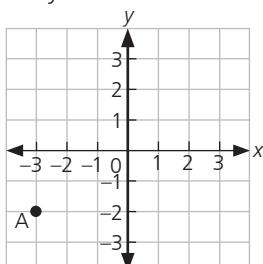
30 Change 5.2m to millimetres.

31  $252 \div 28 =$

32 The diameter of a circle is 4cm. Its circumference is 3.14 times this length. What is the perimeter of the semicircle?

33 Divide £135 in the ratio of 5:4.

34 Point A is at  $(-3, -2)$ . Write the coordinates of its reflection in the y-axis.



35 A coat costing £45 is reduced by 20%. How much do I pay?

Answer

£

o

h min

min

mm

cm

( , )

£

Answer

mm

36 What is the length in millimetres when an 11.5cm line is enlarged by a scale factor of 6?

37 How many thousandths in  $\frac{1}{2}$  of 0.01?

38  $\frac{6}{7} \div 4 =$

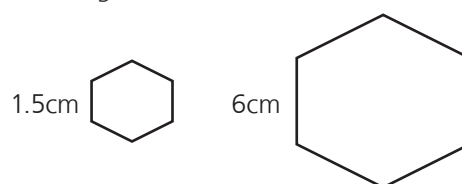
39  $1\frac{3}{8} + \frac{2}{5} =$

40 Find the circumference of a wheel of radius 3cm.

$\pi = 3.14$

cm

41 These two hexagons are similar. What is the scale factor of enlargement?



42 What is half of 3.75?

43 Arrange in descending order.

$\frac{3}{4} \quad \frac{4}{5} \quad \frac{2}{3} \quad \frac{1}{2} \quad \frac{5}{8}$  > > > >

44

London
45
39
44
36
43

This table shows the number of millimetres of rain each week for 5 weeks. What is the mean rainfall to the nearest millimetre?

mm

45 Express 70 as the product of three prime numbers.

46 If  $m = 7$ ,  $n = 5$ , evaluate  $(m + n) \times (m - n)$ .

47 What is the order of rotational symmetry of a regular pentagon about its centre?

48 A train goes at 78kph for 20min. How far does it travel?

km

49 True or false?  $7 < \sqrt{80} < 8$

50 Write  $24 \times 25$  as a number.