

PROCEDURAL

7EP15

First name _____

Last name _____

School _____

Class _____

Date of birth ○○ ○○ ○○○○

Date of test ○○ ○○ (2) (0) (1) (5)

Total score (maximum 35)

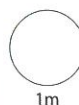


1

$$248 - 160 - 40 =$$



$$78 + 75 =$$



2

Write $\frac{7}{10}$ as a percentage.

 %

3

Tom has £12.99

Nia has £37.25

How much **more** does Nia have than Tom?

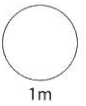
 £

4 There are 30 girls and 50 boys.

What is the **ratio** of girls to boys?

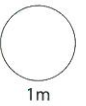
Write your answer as simply as possible.

:



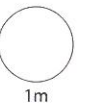
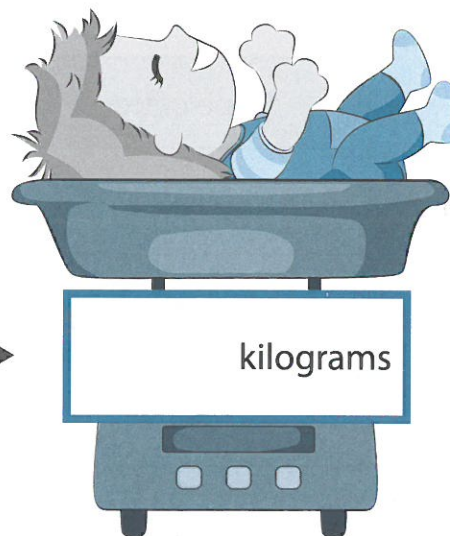
5 What number is one less than one million?

[]



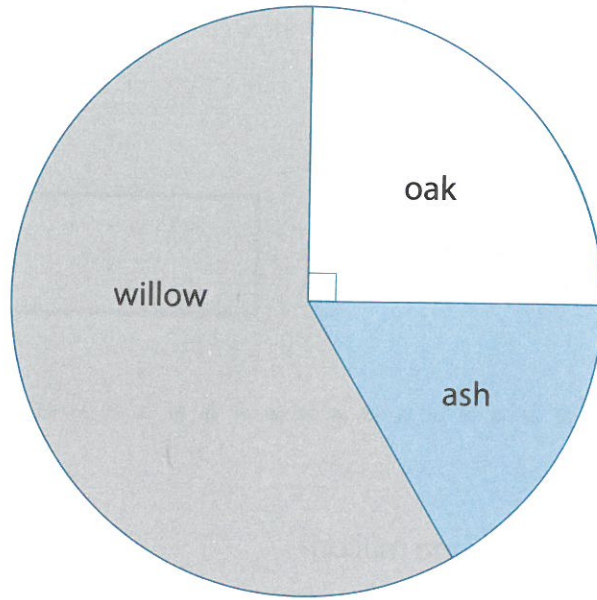
6 This baby weighs 7580 grams.

Write his weight in **kilograms**.



7

Pie chart to show trees planted in our area

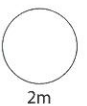


60 trees were planted.

$\frac{1}{6}$ of the trees are ash.

Complete the table.

Type of tree	Frequency
oak	
ash	
willow	
	Total: 60



8

$$3 \times \boxed{} = 9 \times 7$$

1m

9

Costs
£4.95
£3.52
£11.45
£3.99

Estimate the total cost.

£

1m

10

A train leaves Cardiff at 12:48

It takes 56 minutes to get to Swansea.

At what time does it get to Swansea?

:

1m

- 11 Write the number that is halfway between -16 and 8



- 12 Each lap of a running track is 400 metres.

Gemma wants to run 2 kilometres.

How many laps should she run?



- 13 Glyn is making concrete using this ratio.

cement : sand : stones = $1 : 2 : 6$

Glyn needs

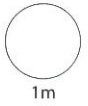
kg of cement, 10 kg of sand and

kg of stones.

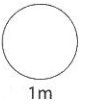


14

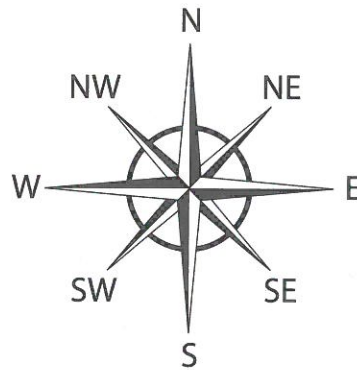
$$22.2 - 2.22 =$$



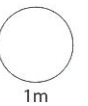
15 Work out 5% of 960



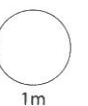
16 Rhys faces **East**.
He turns **anticlockwise** through 135°



Which direction is he facing now?



17 Work out 12.23 multiplied by 4



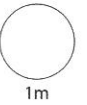
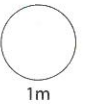
TOTAL



18


$$0.63 \times 5 =$$

$$7 \div 0.2 =$$

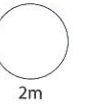


19

Increase £36.00 by 10%.



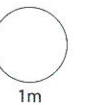
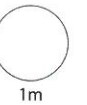
£



20

$$4 \times (3 - 5) + 10 =$$

$$6 + (8 - 3)^2 =$$



21 Write $<$, $>$ or $=$ in the boxes.

45%

0.45

0.45

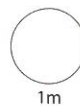
$\frac{4}{5}$

22 Write $0.\dot{6}6\dot{6}$ as a fraction.

23 Work out $648 \div 24$



1m



1m



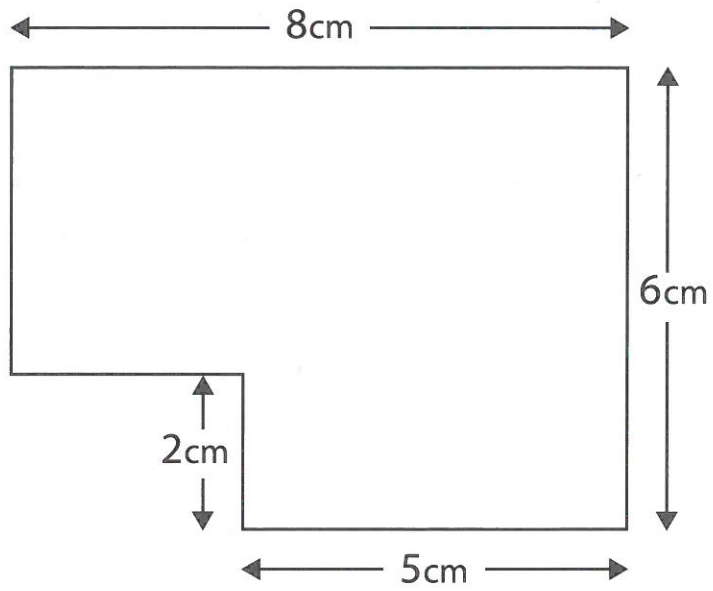
2m

TOTAL



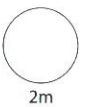
10m

24



What is the **area** of this shape?

A large rectangular box for writing the answer. In the top-left corner, there is an icon of a notepad and a pencil. In the bottom-right corner, there is a smaller rectangular box containing the text cm^2 .



25

$$50^2 = \boxed{}$$

$$\sqrt{121} + \sqrt{36} = \boxed{}$$

1m

1m


26

The numbers on the boxes show how many matches are in each box.



The **mean** number of matches is 50

Work out how many matches are in the last box.



matches

2m

