

PROCEDURAL

8EP18

First name _____

Last name _____

School _____

Class _____

Date of birth ○○ ○○ ○○○○

Date of test ○○ ○○ (2)(0)(1)(8)

Total score (maximum 36)



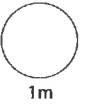
165121



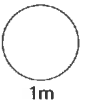
Llywodraeth Cymru
Welsh Government

1

$7.8 + 0.78 =$



$7.8 - 0.78 =$



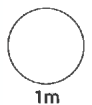
2

Hassan works out an answer to a time calculation.



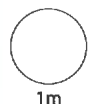
His answer is 6.5 hours.

This represents 6 hours and minutes.

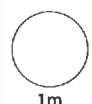


3

$25\% \text{ of } 80 =$



$30\% \text{ of } 80 =$



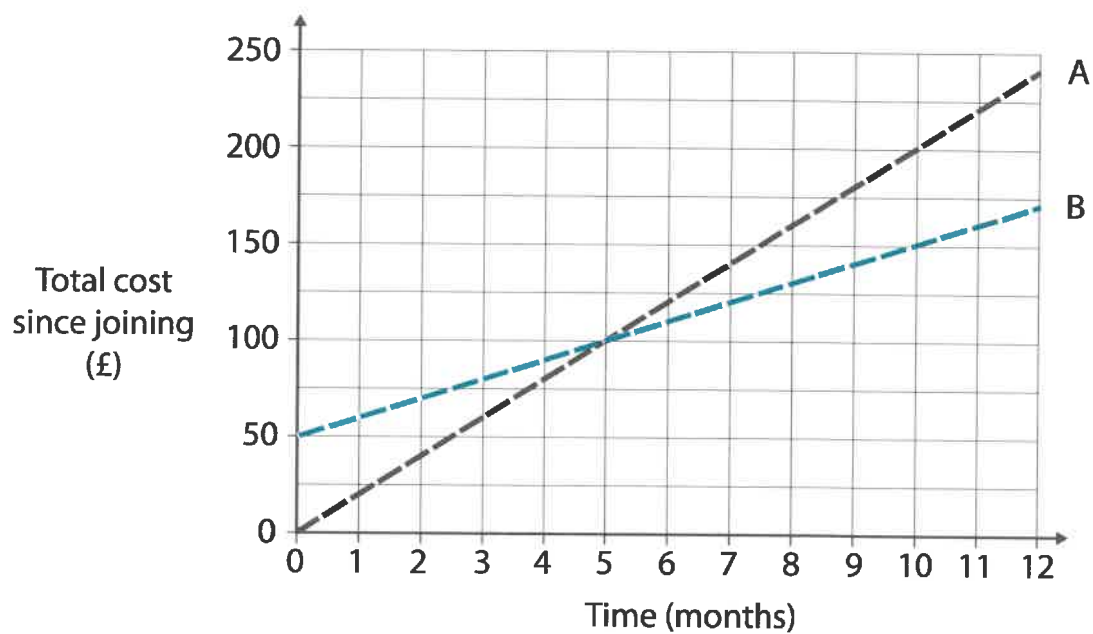
4 Hywel wants to join his local leisure centre.

He can pay in two different ways:

Method A: £20 per month

Method B: first month £50 then £10 per month.

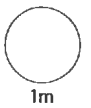
The graph shows this information.



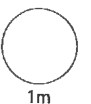
After months, the total cost for method A is the **same** as the total cost for method B.

After 10 months, the total cost for method B is

£ **cheaper** than the total cost for method A.



1m



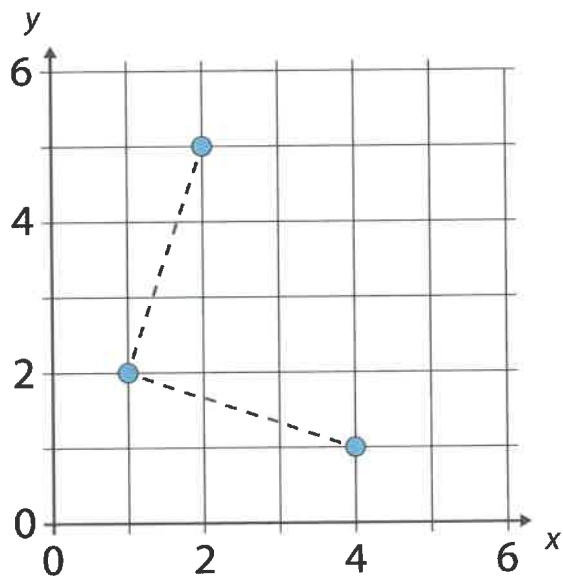
1m

TOTAL



7m

- 5 The diagram shows three points. You need one more point to make a square.



Write the coordinates of the missing point.



6



A pack of butter costs £1.10 for 250 **grams**.

What is the cost of 1 **kilogram** of this butter?



7

$$18 + 2 \times 10 =$$

1m

8



Cakes: £1.49 each

Bronwen has £15

What is the greatest number of these cakes that she can buy?

cakes

1m

9

Jacob's train leaves Fishguard at 06:53

The journey to Holyhead lasts 8 hours and 15 minutes.

At what time does Jacob arrive at Holyhead?

:

1m

TOTAL

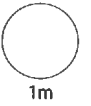
5m

10

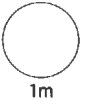
30 increased by 10% =

50 decreased by

% = 40



1m



1m

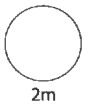
11

1 inch = 0.0254 metres

Convert 15 inches to metres.



metres



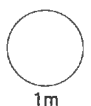
2m

This formula converts pints to litres:

$$\text{litres} = \text{pints} \div 1.7598$$

Write a formula to convert litres to pints.

pints =



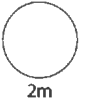
1m

12

6.862 to 3 significant figures is

6.862 to 2 significant figures is

6.862 to 1 significant figure is



13

A car park has reserved spaces for disabled people.

The ratio of reserved spaces to other spaces is 1 : 24

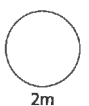
The car park has 300 spaces.

How many of these are reserved spaces?

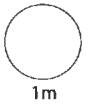




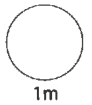
reserved spaces



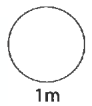
- 14 Write $\frac{9}{54}$ as a fraction in its simplest form.



Write $\frac{1}{8}$ as a percentage.

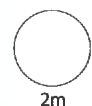
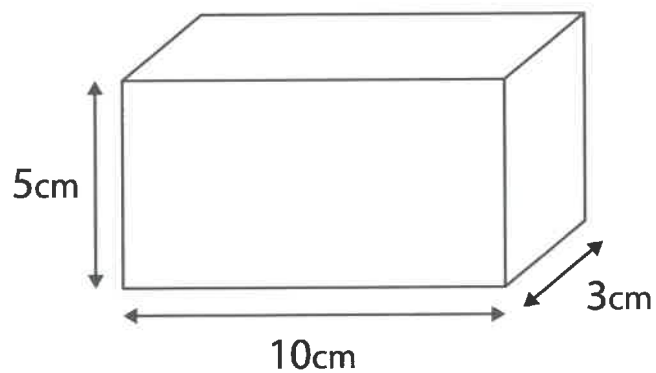
 %

Work out the number of fifths in $2\frac{3}{5}$



-
- 15 What is the **volume** of this cuboid?

Remember to write units with your answer.



16 Write the final balance for this bank statement.

Date	Description	Paid out	Paid in	Balance
3 May	Opening balance			£290.00
3 May	Jones P		£67.00	
3 May	Powell L		£33.00	
3 May	Campbell D	£20.00		
3 May	Final balance			

1m

17 Calculate $2856 \div 51$



2m

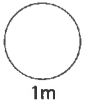
TOTAL

8m

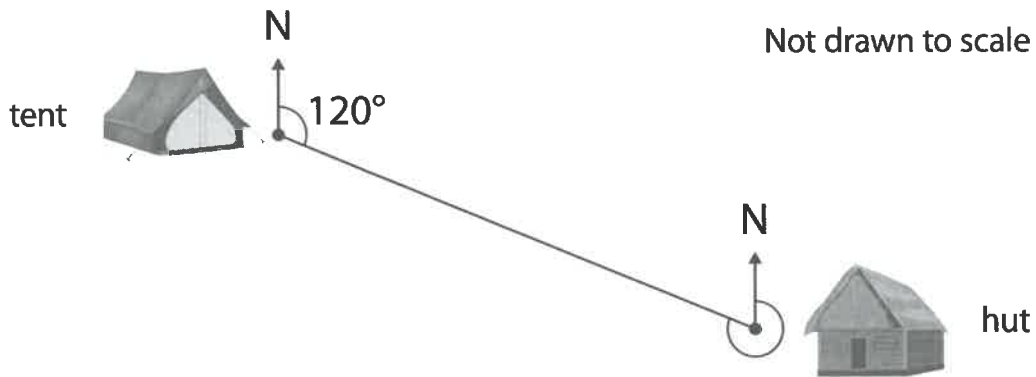
18 A triangle has an area of 35cm^2

What could its dimensions be?

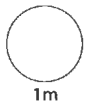
base = cm height = cm



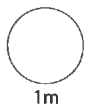
19 The bearing of the hut from the tent is 120°



The bearing of the tent from the hut is

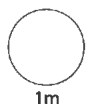


20 The **square root** of 100 is



Use consecutive whole numbers to complete the sentence below.

The **cube root** of 100 is between and



21 The reciprocal of 5 is 0.2

Write the reciprocal of 4 as a decimal.

1m

22 Lauren throws a four-sided dice 20 times.

The table shows the results.

Score	Frequency
1	6
2	5
3	4
4	5
Total 20	

What is the mean score?



2m

TOTAL
7m

