

PROCEDURAL

8EP14

First name _____

Last name _____

School _____

Class _____

Date of birth ○○ ○○ ○○○○

Date of test ○○ 05 2014

Total score (maximum 36)



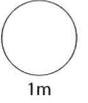
117563



Llywodraeth Cymru
Welsh Government

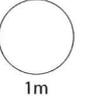
1

$$18 \times (4 + 6) =$$

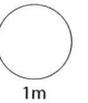


2

Add 1.95 to 19



Subtract 1.95 from 19

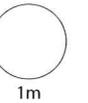


3

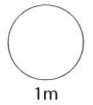
Some children got these scores in a spelling test.

6	8	6	5	9	8
7	4	8	4	10	

Which score is the **mode**?

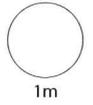


4 Write a **square root** of 16



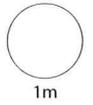
1m

5 £1 = 8.8 Danish kroner, so £5 =



1m

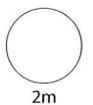
6 $3\frac{1}{4}$ minutes =



1m

7 Cost of a mobile phone:
£4.99 each month for the first **six** months,
then £19.79 each month

Estimate, to the nearest £10, the total cost of a mobile phone for the first **year**.

2m

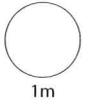


TOTAL

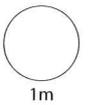
9m

8 What is $33\frac{1}{3}\%$ of £600?

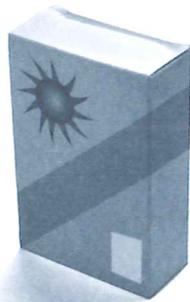
£



9 $10 \times 0.25 - 8 \times 0.25 =$



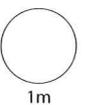
10



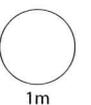
Cereal
60p per 100g

What does a 350g box of cereal cost?

£

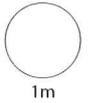


11 Write $\frac{42}{70}$ as simply as possible.



12

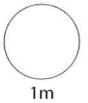
$$8\frac{1}{5} \text{ km} = \boxed{} \text{ metres}$$



13

What percentage of 350 is 35?

$$\boxed{} \%$$



14

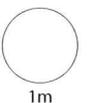
Train timetable:

Cardiff Central	09:21	11:21	13:21	15:21	17:21
Hereford	10:28	12:28	14:26	16:27	18:27
Shrewsbury	11:24	13:24	15:24	17:24	19:24
Chester	12:23	14:23	16:26	18:26	20:32

Marc wants to travel from **Cardiff Central** to **Chester**.

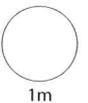
How much longer does the 17:21 train take than the 13:21 train?

$$\boxed{} \text{ minutes}$$

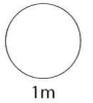


15

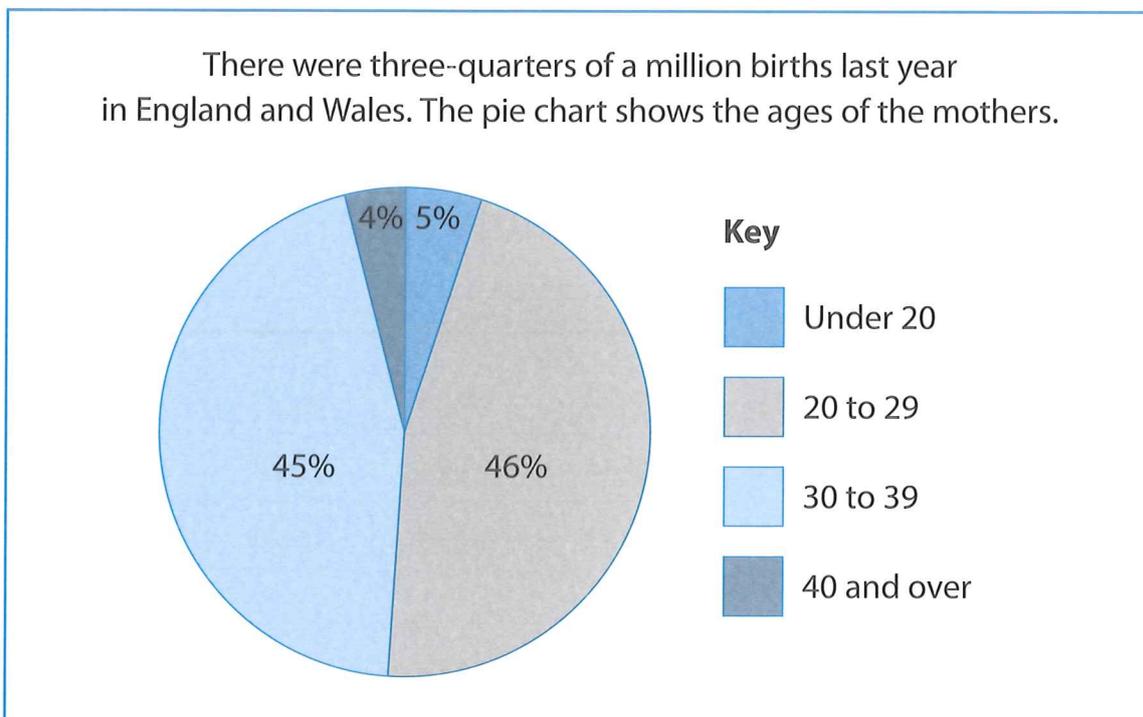
$$2.7 \div 3 = \boxed{}$$



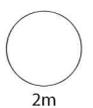
16 What is 5 cubed?



17 Mari finds this information.



Work out the number of births for mothers aged **under 20**

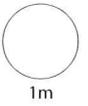


18 Megan and Nia share some money in the ratio 3 : 2

Megan has £24

Nia has

£



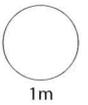
1m

Gethin and Ed share some money in the ratio 1 : 4

Gethin has £35

How much do they have altogether?

£



1m

19 Flight from Cardiff departs 09:25 (UK time)

to Barbados arrives 13:55 (Barbados time)

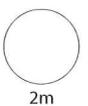
Barbados is 4 hours **behind** the time in the UK.

How long is the flight?



hours and

minutes



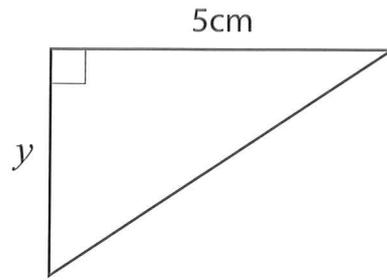
2m



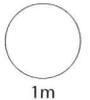
TOTAL

7m

- 20 The **area** of this triangle is 10cm^2

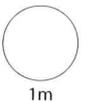


What is length y ?



- 21

$$0.1 \times 0.1 =$$



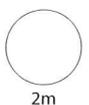
- 22 Joe is a gardener.

His hourly rate was £8

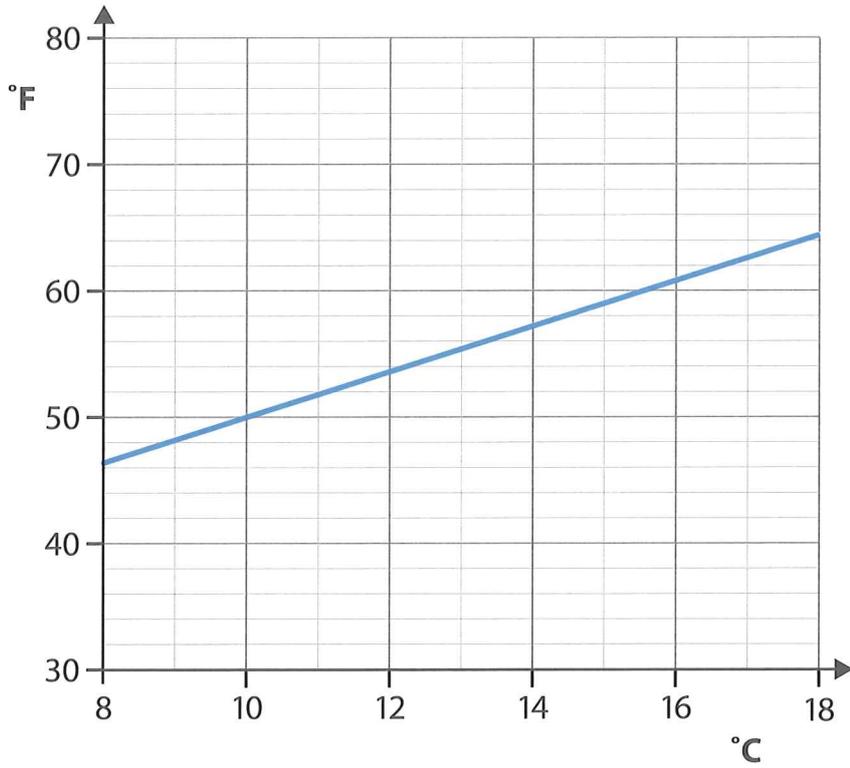
He increased his hourly rate by 10%

Then he increased it by 10% again.

What is his hourly rate after that?



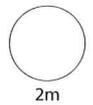
Changing between °C and °F



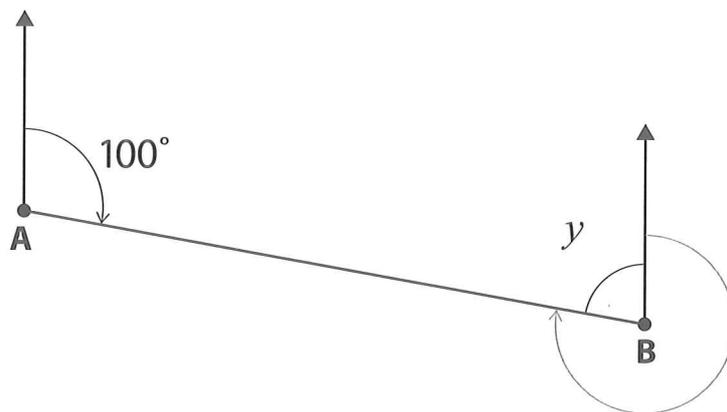
Information about one day in Wales:

the **mean** temperature was with a **range** of

the **mean** temperature was with a **range** of



24



The bearing of B from A is 100°

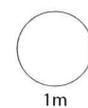
Circle the value of angle y

60°

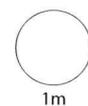
70°

80°

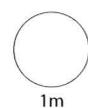
100°



What is the bearing of A from B?



25 Round 4519 to **one** significant figure.



26 Alys thinks of a number.

$\frac{1}{10}$ of her number is 18

What is $\frac{1}{5}$ of her number?

1m

27

Number of children in each family	Frequency
1	6
2	10
3	5
4	3
5	1

What is the total number of children in these families?



children

2m

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