

# PROCEDURAL

## 8EP14

First name \_\_\_\_\_

Last name \_\_\_\_\_

School \_\_\_\_\_

Class \_\_\_\_\_

Date of birth ○○ ○○ ○○○○

Date of test ○○ 05 2014

Total score  (maximum 36)



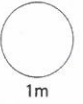
117563



Llywodraeth Cymru  
Welsh Government

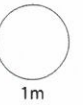
1

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

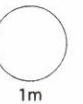


2

Add 1.95 to 19



Subtract 1.95 from 19

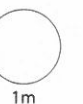


3

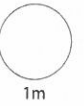
Some children got these scores in a spelling test.

6	8	6	5	9	8
7	4	8	4	10	

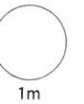
Which score is the **mode**?



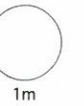
4 Write a **square root** of 16



5 £1 = 8.8 Danish kroner, so £5 =

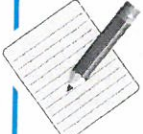
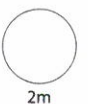


6  $3\frac{1}{4}$  minutes =

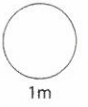


7 Cost of a mobile phone:  
£4.99 each month for the first **six** months,  
then £19.79 each month

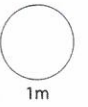
**Estimate**, to the nearest £10, the total cost of a mobile phone for the first **year**.

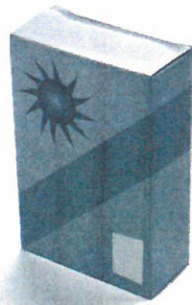
8 What is  $33\frac{1}{3}\%$  of £600?



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

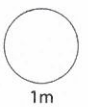


10

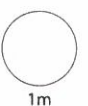


Cereal  
60p per 100g

What does a 350g box of cereal cost?

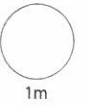


11 Write  $\frac{42}{70}$  as simply as possible.

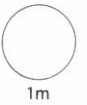


12

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



13 What percentage of 350 is 35?

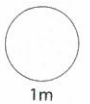


14 Train timetable:

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

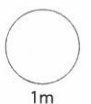
Marc wants to travel from **Cardiff Central** to **Chester**.

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



15

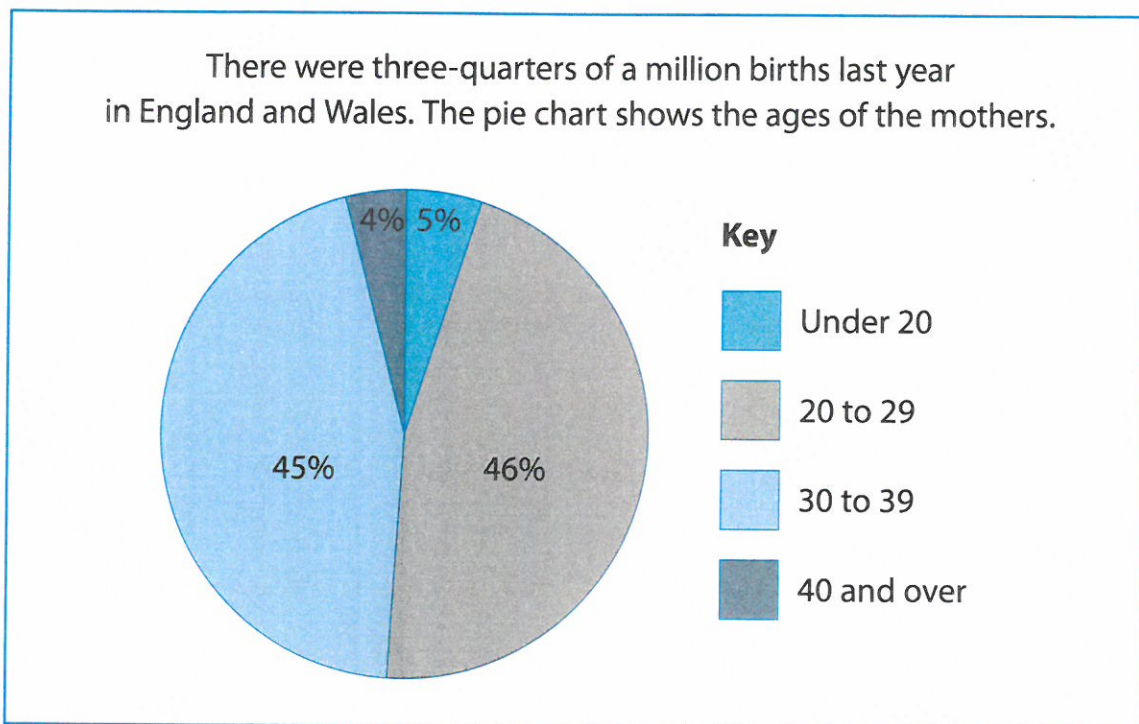
$$2.7 \div 3 =$$



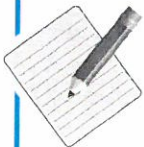
16 What is 5 cubed?

1m

17 Mari finds this information.



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



births

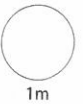
2m

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

Megan has £24

Nia has

£



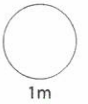
1m

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

Gethin has £35

How much do they have altogether?

£




1m

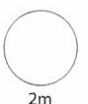
- 19 Flight from Cardiff departs 09:25 (UK time)  
to Barbados arrives 13:55 (Barbados time)

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

How long is the flight?

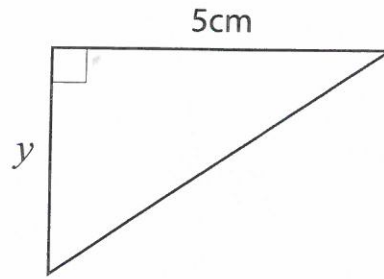


hours and minutes

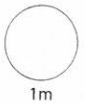


2m

- 20 The **area** of this triangle is  $10\text{cm}^2$

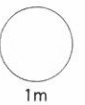


What is length  $y$ ?



- 21

$$0.1 \times 0.1 =$$



- 22

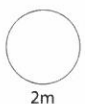
Joe is a gardener.

His hourly rate was £8

He increased his hourly rate by 10%

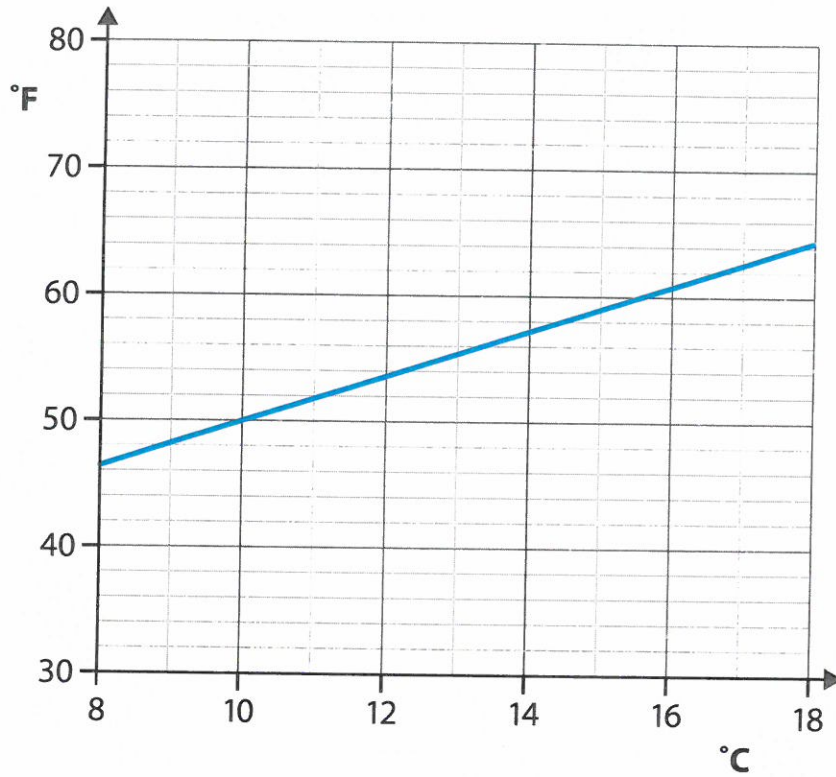
Then he increased it by 10% again.

What is his hourly rate after that?





### Changing between °C and °F



Information about one day in Wales:

the **mean** temperature was

11°C

with a **range** of

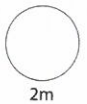
4°C

the **mean** temperature was

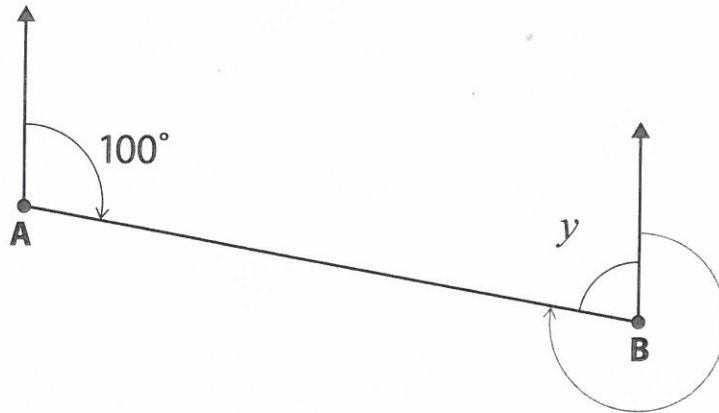
°F

with a **range** of

°F



24



The bearing of B from A is  $100^\circ$

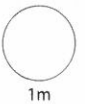
Circle the value of angle  $y$

$60^\circ$

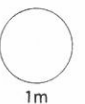
$70^\circ$

$80^\circ$

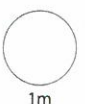
$100^\circ$



What is the bearing of A from B?



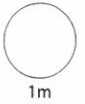
25 Round 4519 to **one** significant figure.



26 Alys thinks of a number.

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

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



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

