

# NUMERACY

# 6EP13

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

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

School \_\_\_\_\_

Class \_\_\_\_\_

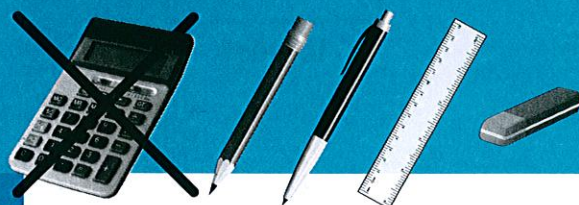
Date of birth ○○ ○○ ○○○○

Date of test ○○ 05 2013

Total score  (maximum 35)



National Numeracy Tests



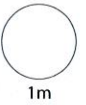
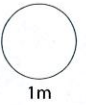
Llywodraeth Cymru  
Welsh Government

**1** Round to the nearest **ten**.

182  $\longrightarrow$

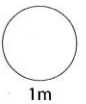
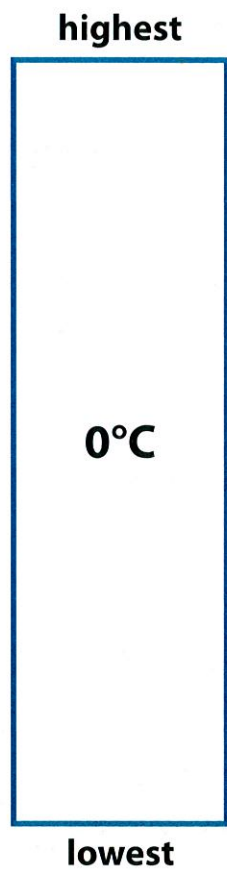
Round to the nearest **hundred**.

182  $\longrightarrow$



**2** Write the temperatures in order.





4°C  
-8°C  
-1°C  
9°C



3

### Vehicles in a car park

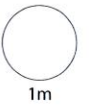
Key:  stands for 4 vehicles

Bus	
Lorry	 
Car	<input type="text"/>
Bicycle	

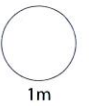
There are **14 cars**. Complete the chart.

How many vehicles altogether?

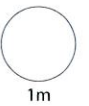
vehicles



1m



1m



1m



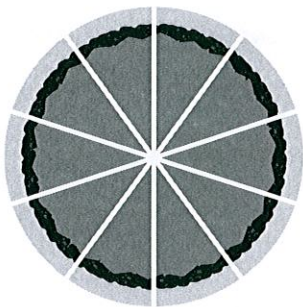
TOTAL

6m

4

$$12 - 3 = 5 + \boxed{\phantom{00}}$$

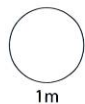
5



Bethan eats 2 pieces of this pizza.

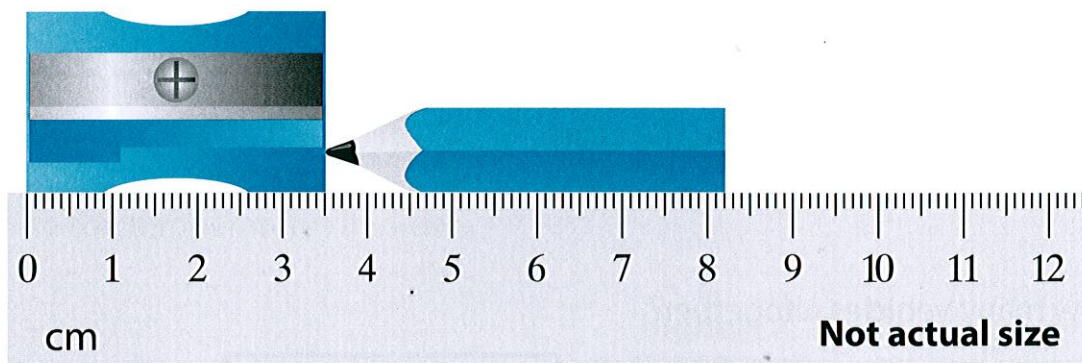
Owen eats 5 pieces.

What **percentage** is left?

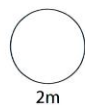


1m

6



Work out the length of the **pencil**.

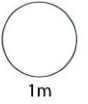
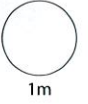
 cm

2m

7

$$90\text{mm} = \boxed{\phantom{000}} \text{ cm}$$

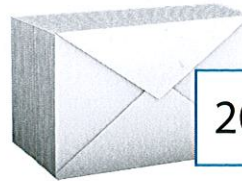
$$400\text{cm} = \boxed{\phantom{000}} \text{ m}$$



8

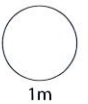
How many envelopes in 32 packs?

**One pack**



200 envelopes

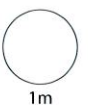
$\boxed{\phantom{00000}}$  envelopes



9

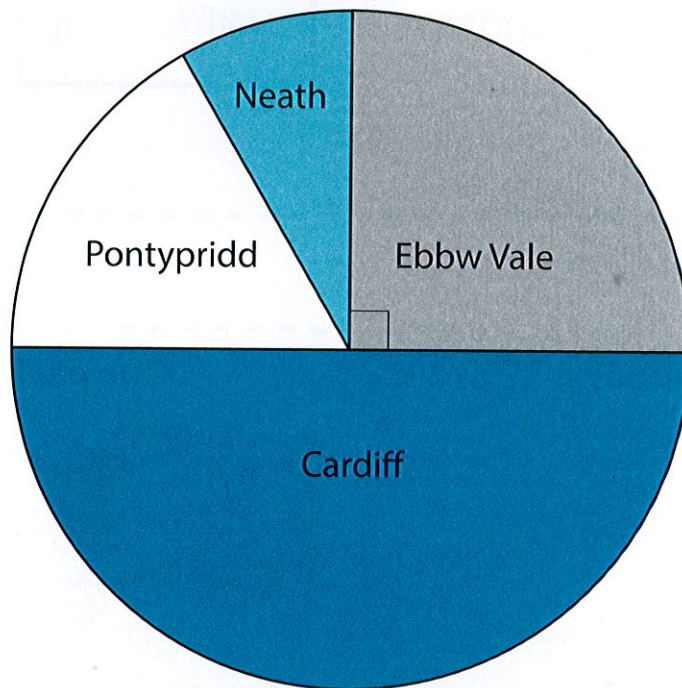
Work out **half** of 6.3kg.

$\boxed{\phantom{000}}$  kg



10 Alun asked his friends which of four rugby teams they liked best.

The pie chart shows the results.



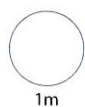
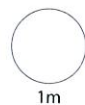
6 people chose **Ebbw Vale**.

How many chose Pontypridd?

people

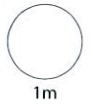
How many people altogether?

people



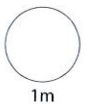
11

$$5009 \times 8 \div 8 =$$

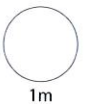


12

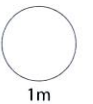
Write five hundred thousand and twenty in figures.



What number is **100 more** than forty thousand?



What number is **1000 less** than 1 million?



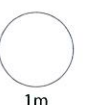
13

Write in order.

2.5    2    1.83    2.15

smallest

largest

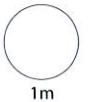


**14** Train timetable:

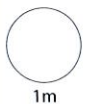
Swansea	06:47	07:45	08:57	09:50
Cardiff	07:50	08:50	09:55	10:55
Hereford	08:51	09:51	10:56	11:56
Shrewsbury	09:43	10:48	11:48	12:53
Stockport	10:58	11:58	12:58	13:58
Manchester	11:15	12:15	13:15	14:15

Bev needs to get from Hereford to Manchester **before 1pm**.

What time is the latest train she can get from **Hereford**?



How long does it take to get from Swansea to Cardiff on the **08:57** train?

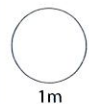


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**15** Gwen spent £19.67 to make biscuits.

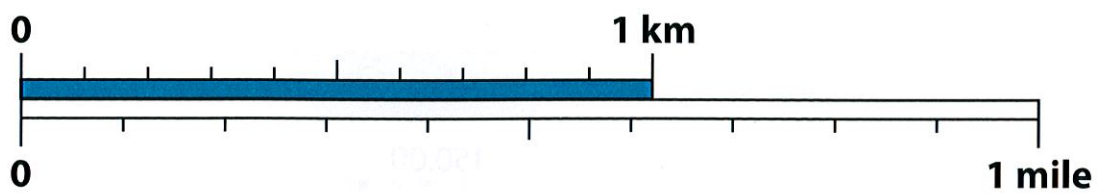
She made £34.25 selling the biscuits.

How much **profit** did she make?





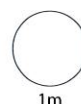
16



Use the scale to estimate:

0.5 km is about

miles



17 Work out  $22 \times 43$

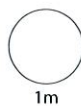
A large rectangular box for working out the multiplication. In the top left corner, there is a small icon of a notepad with a pencil. In the bottom right corner of the box, there is a smaller empty rectangular box for the final answer.



18 1000g of grapes cost £4

How much do 300g of grapes cost?

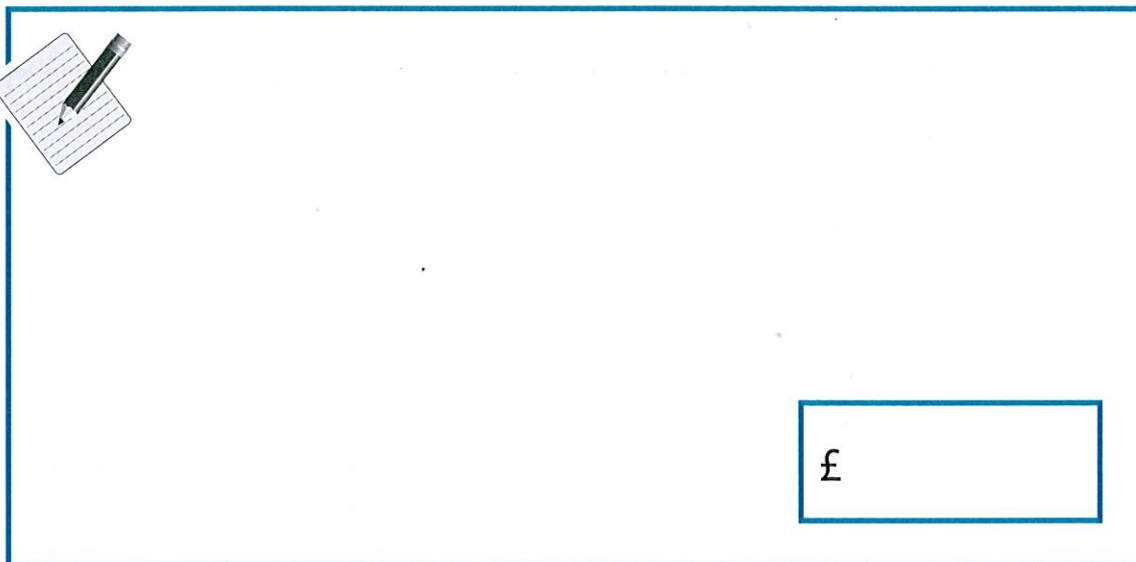
£



19 Hari's bank account:

Date	Paid out	Paid in	Balance
10 May		150.00	150.00
12 May	8.79		141.21
	25.50		115.71
	5.99		109.72
13 May		50.00	159.72

Altogether, how much money was **paid out** on **12 May**?



2m

20

$$4600 \div 20 =$$

$$275 \div 25 =$$

1m

1m

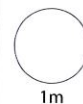
21 Write  $\frac{2}{5}$  as a **decimal**.



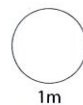
22 Here are the heights of five sunflowers (in cm).

23.2    22.7    25.5    24.8    22.5

What is the **range** of the heights?



23 Work out 5% of £120



10% of £80 = 20% of

