

NUMERACY

5EP13

First name _____

Last name _____

School _____

Class _____

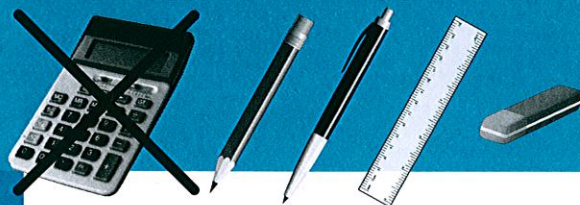
Date of birth ○○ ○○ ○○○○

Date of test ○○ 05 2013

Total score (maximum 35)



National Numeracy Tests



Llywodraeth Cymru
Welsh Government

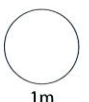
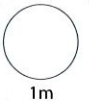
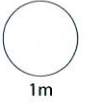
1 Three number cards:



Use all three to make the **smallest** number possible.



Use all three to make the **largest odd** number possible.

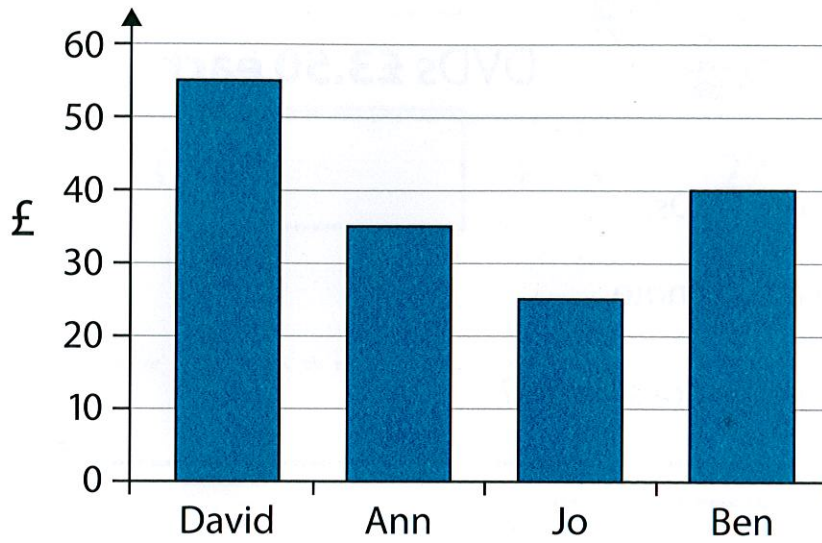


2

$$1000 - \boxed{} = 600$$

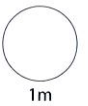
3

Money collected for charity



How much money has Ann collected?

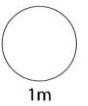
£



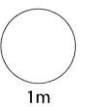
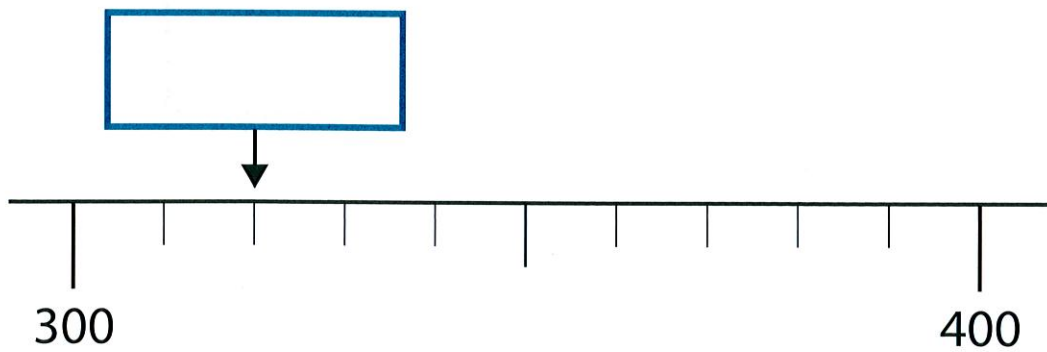
Ben wants to collect £125

How much **more** money does he need?

£



4 What number is the arrow pointing to?



5




DVDs **£3.50 each**

Leon buys **three** DVDs.

He pays with a **£20** note.

How much change does he get?



£

2m

6

$326 + 295 =$

1m

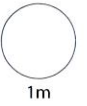
$471 - 208 =$

1m

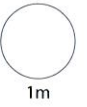
7

$$5 \times \boxed{} - 3 = 27$$

$$3 \times \boxed{} + 3 = 27$$



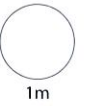
1m



1m

8

$$5 \times 129 = \boxed{}$$



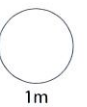
1m

9

400 grams of peas cost 48p.

How much is this for each 100 grams?

p



1m



TOTAL

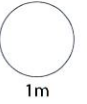
8m

10 Write in order.

2.7 2.07 2.71 2.2

smallest

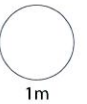
largest



1m

11

$$324 \div 6 =$$

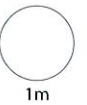


1m

Write a number sentence to check your answer.

×

=

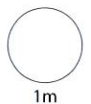


1m

12 Train timetable:

Swansea	05:58	06:28	06:58	07:28
Neath	06:10	06:40	07:10	07:40
Port Talbot	06:18	06:48	07:18	07:48
Bridgend	06:30	07:00	07:30	08:00
Cardiff	06:55	07:25	07:55	08:25

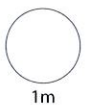
The **06:10** train from **Neath** gets to **Bridgend** at



Jen lives in **Swansea**.

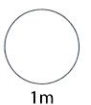
She must be in **Cardiff** before **8** o'clock.

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



13

$\frac{1}{4}$ metre = centimetres



14

Film: Starts 14 : 25

Lasts 1 hour 45 minutes

Ends :

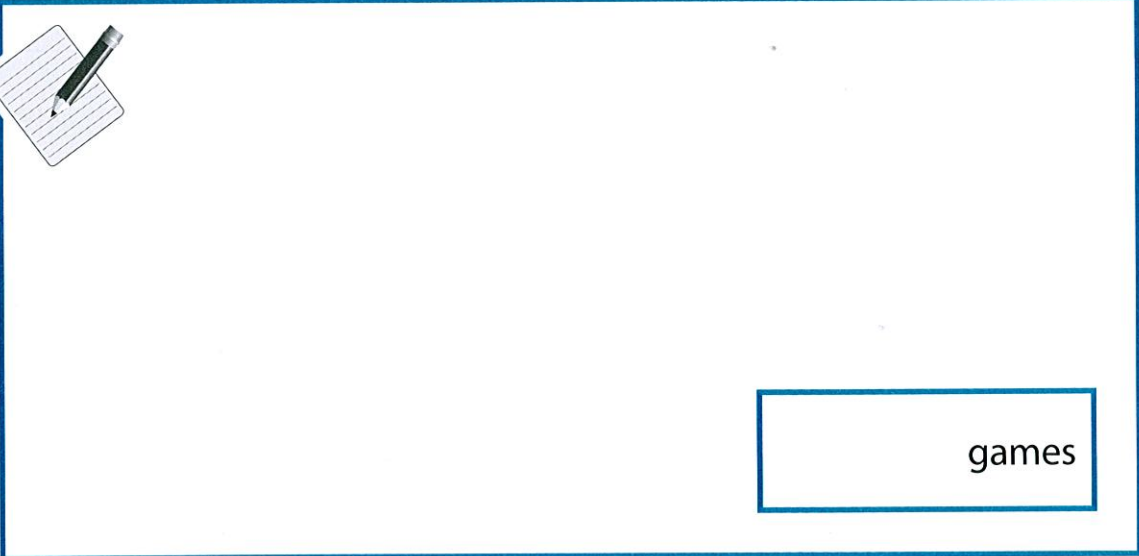
1m

15

Ella plays 70 computer games.

She wins $\frac{5}{7}$ of the games.

How many games does Ella win?



games

2m

16 Heights of mountains:

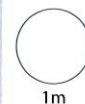
Everest
8848 metres

Snowdon
1085 metres

Round heights to the nearest **hundred** metres.

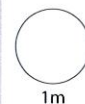
↓

↓

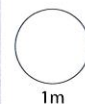


Estimate how much higher Everest is than Snowdon.

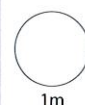
metres



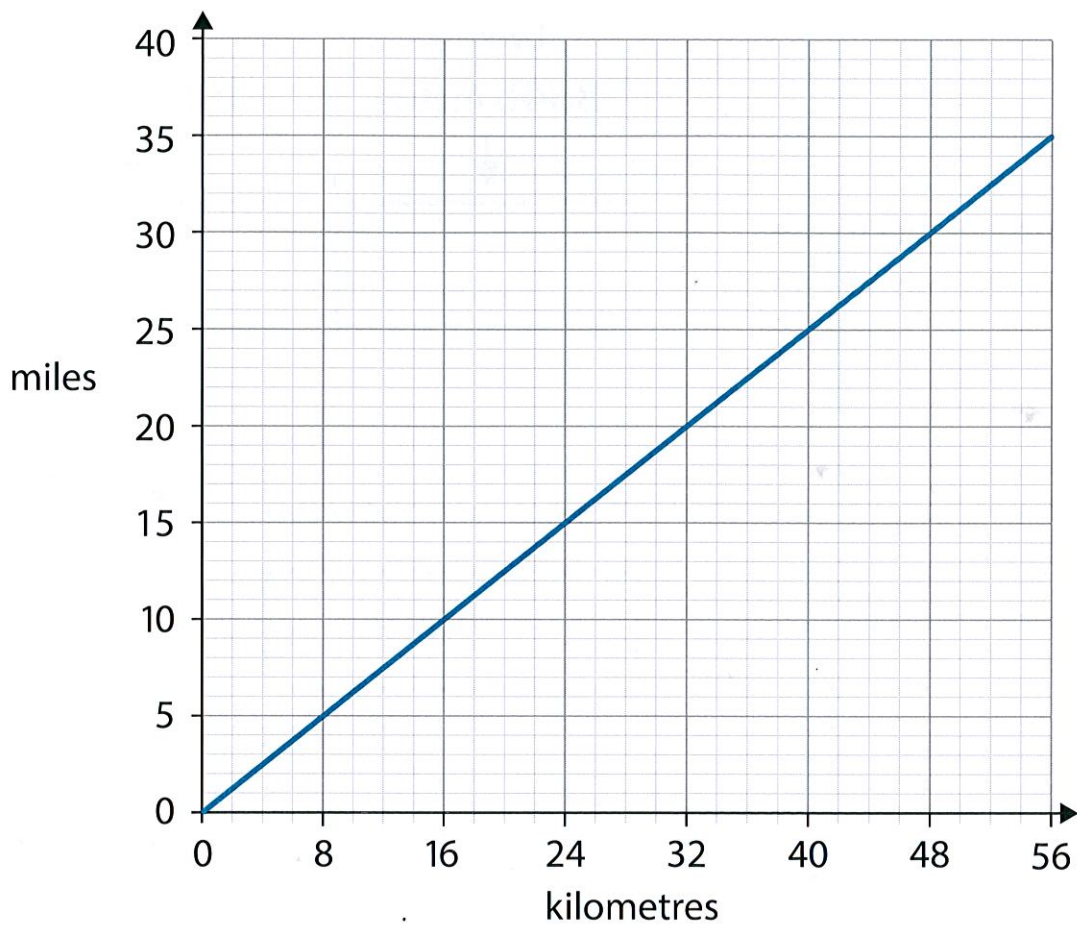
17 Write $\frac{1}{10}$ as a decimal.



Write 0.75 as a fraction.



Changing between kilometres and miles



The graph shows that:

40 kilometres is about

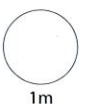
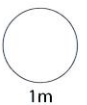
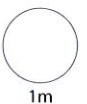
 miles

22.5 miles is about

 kilometres

The graph shows that 10 miles is about 16 kilometres.

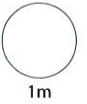
This means that 100 miles is about

 kilometres


19 Day-time temperature: 12°C

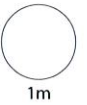
Night-time temperature: -3°C

Difference = $^{\circ}\text{C}$



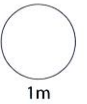
1m

20 $2.47 \times 100 =$



1m

$32.6 \div 10 =$



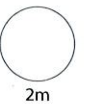
1m

21 6kg of potatoes for £11.94

How much for 2kg?



£



2m



TOTAL

8m