PROCEDURAL

7EP16

National Numeracy Tests

First name _____

Last name _____

School _____

Class _____

Date of birth ⬭⬭ ⬭⬭ ⬭⬭⬭⬭

Date of test ⬭⬭ ⬭⬭ ②⓪①⑥

Total score ⬭ (maximum 35)

Llywodraeth Cymru
Welsh Government

139106

1

$$7 \times 9 = \boxed{}$$

$$48 \div 8 = \boxed{}$$

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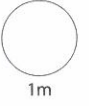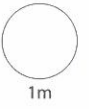
2 Write the missing percentage.

How children go to school

Bus	28%
Walk	60%
Other	%

3

$$£10.58 - £7.99 = \boxed{£}$$

4

$$14 \times 0.5 = \boxed{}$$

2
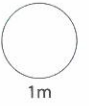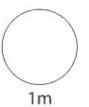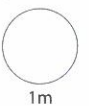
5 Write these numbers in the correct places in the Venn diagram:

1   2   3   4   5
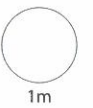
Factors of 9   Factors of 12

2m
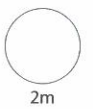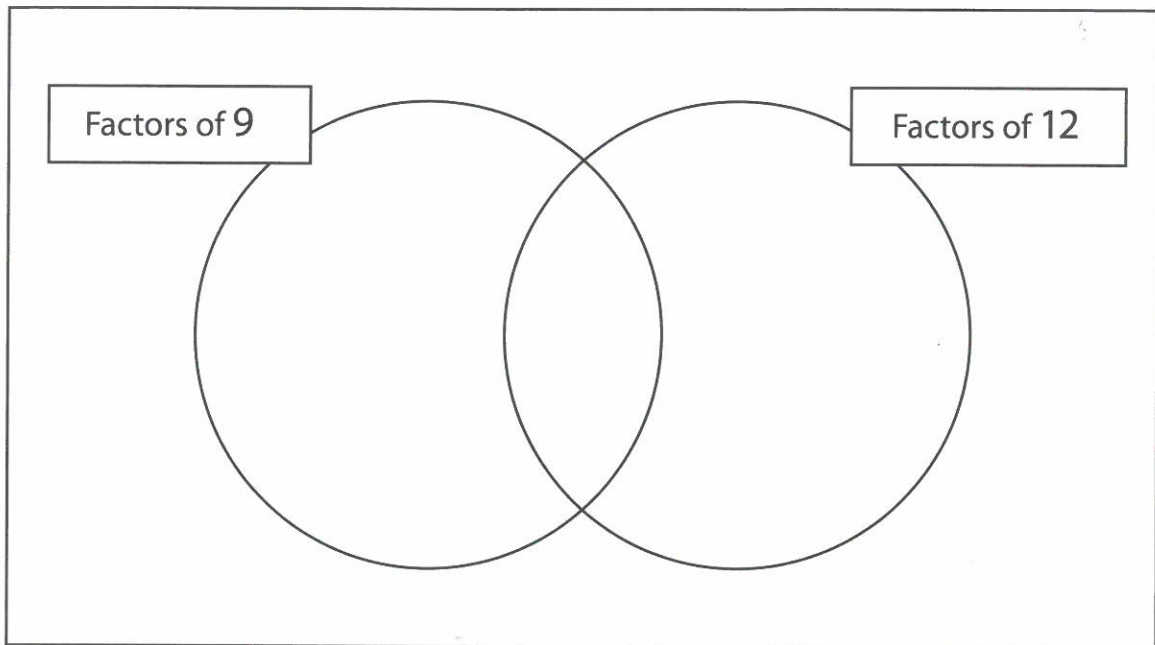
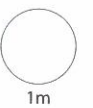**6** Write in figures the number that is one quarter of one million.
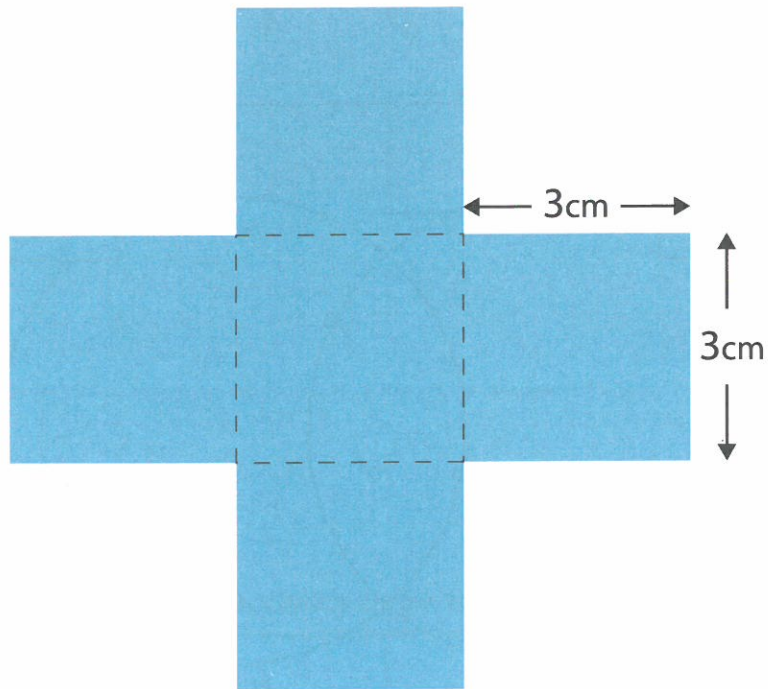
1m

7

$5 \times 8 - (3 + 4) =$
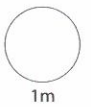
1m

$5 \times (8 - 3) + 4 =$

1m

3

TOTAL

10m
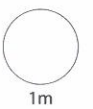
8 Pavel joins five identical squares of paper together to make this new shape.
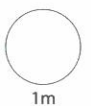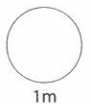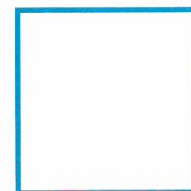

What is the **perimeter** of the new shape?

6 cm

1m

What is the **area** of the new shape?

3 ~~0~~ cm²

1m

- -

9 Write 80% as a **fraction** in its simplest form.

1m

10 What is the size of angle *a*?
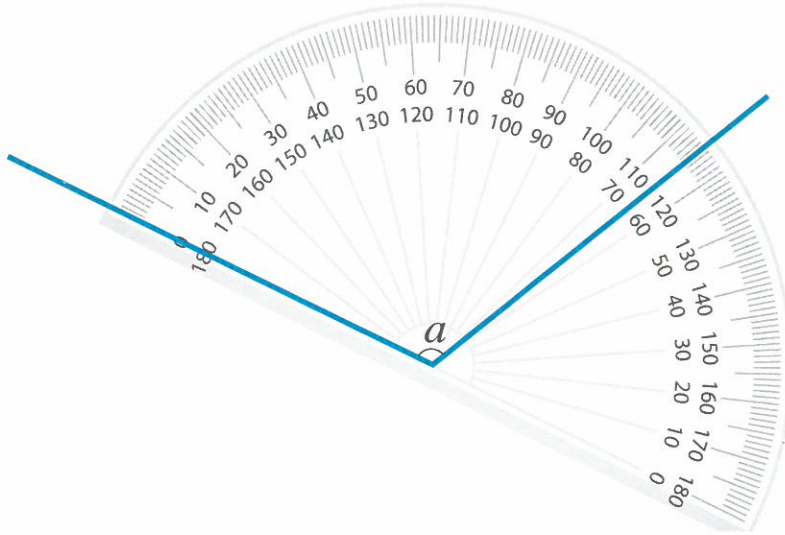
$$a = \quad\quad °$$

- -
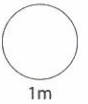
11 In a sports club there are **75** children.

25 of them are girls. **50** of them are boys.

What is the ratio of **girls** to **boys** in its simplest form?

$$\boxed{\quad : \quad}$$

1m

- -

12

$$5^2 \ - \ 2^2 \ = \ \boxed{}$$

1m

1m

TOTAL

6m

5
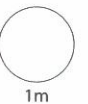
13 This puppy weighed 7.54kg.

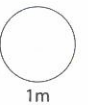Now he is older he weighs **three times** as much.

What does he weigh now?

kg

1m

14

20%   of [   ]   =   12

1m

40%   of [   ]   =   12

1m

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15 Work out 30.12 divided by 6

1m

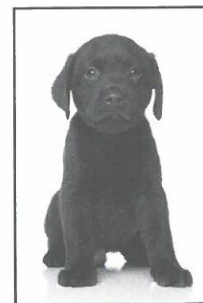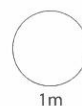**16** Find the **square root** of **half** of 72

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17 Write $\frac{1}{3}$ as a decimal.

Give your answer to 2 decimal places.

- -
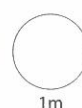
18 Hours spent on homework:

$$1\frac{1}{4} \qquad 1\frac{3}{4} \qquad 3 \qquad 3\frac{1}{4} \qquad 3\frac{1}{4}$$

What is the **mean** number of hours?

hours

19

$$25 \times \boxed{} = 2.5$$

$$25 \div \boxed{} = 0.5$$

- -
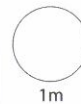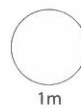
20 A shopkeeper sells t-shirts for £13 each.

She reduces the price by **20%**.

Each t-shirt is reduced by £ $\boxed{}$

- -

21 Write in order.

$$\frac{1}{3} \qquad 0.13 \qquad 32\% \qquad 0.3$$

$\boxed{}$ $\boxed{}$ $\boxed{}$ $\boxed{}$

smallest   **largest**

22 Complete the table.

Map distance	Real-life distance	Scale
8cm	m	1 : 1000
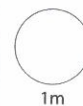
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23 Work out 736 ÷ 32
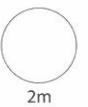
24

height

12cm
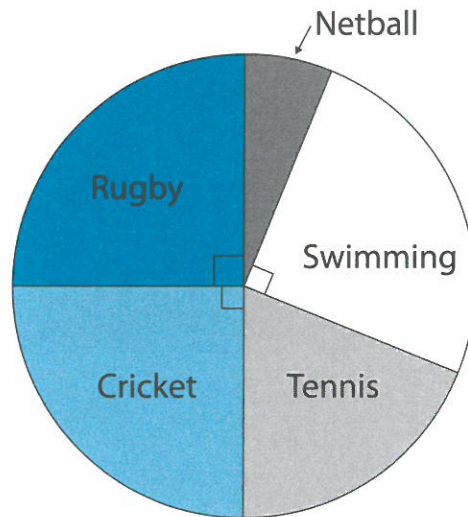
Not drawn accurately
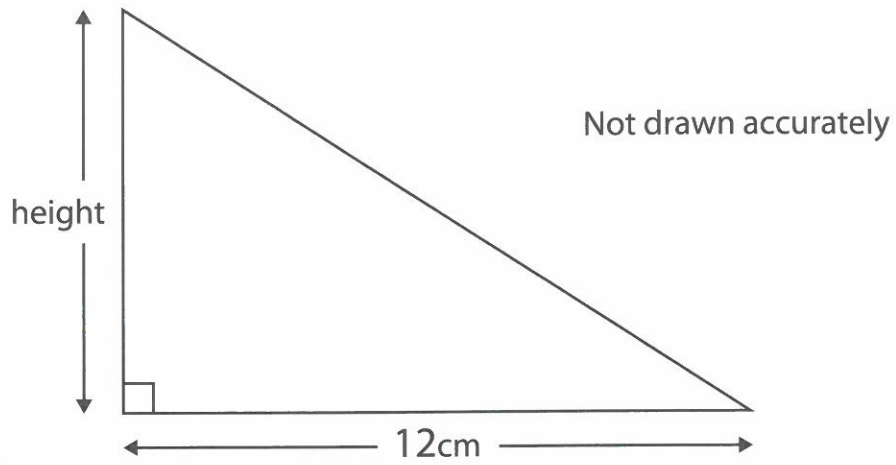
The area of this triangle is 54cm²

What is the **height** of the triangle?

cm

2m

Children's favourite sports

Altogether, there are 80 children.

The ratio of children who choose **netball** to those who choose **tennis** is 1 : 4

How many children choose **tennis**?

children

2m

TOTAL

4m