National Numeracy Tests

PROCEDURAL

7EP16

First name _____

Last name _____

School _____

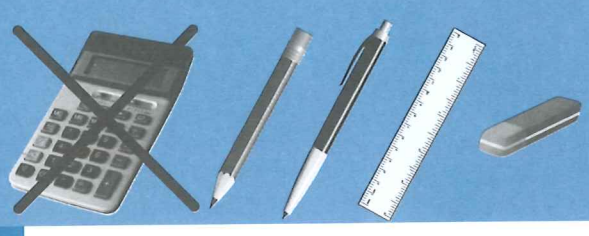
Class _____

Date of birth ◯◯ ◯◯ ◯◯◯◯

Date of test ◯◯ ◯◯ 2016

Total score ☐ (maximum 35)

139106



Llywodraeth Cymru
Welsh Government

1

$7 \times 9 =$ ☐ 1m

$48 \div 8 =$ ☐ 1m

2 Write the missing percentage.

How children go to school

Bus	28%
Walk	60%
Other	%

1m

3

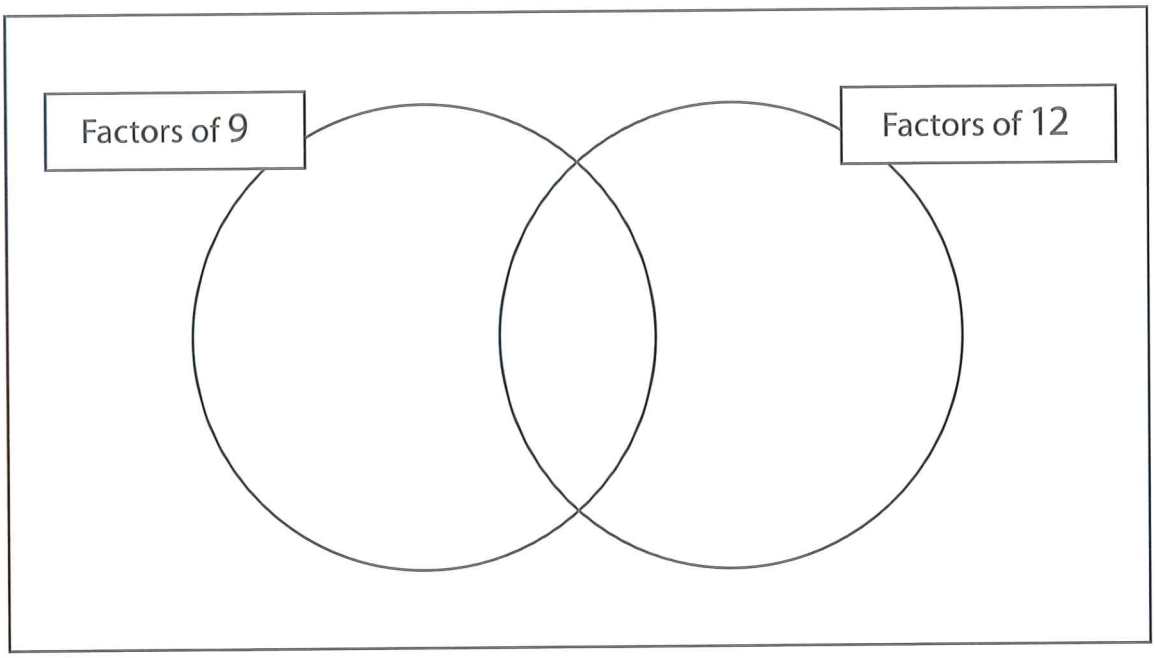
£10.58 − £7.99 = £ ☐ 1m

4

$14 \times 0.5 =$ ☐ 1m

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

1 2 3 4 5



2m

6 Write in figures the number that is one quarter of one million.

1m

7 $5 \times 8 - (3 + 4) =$

1m

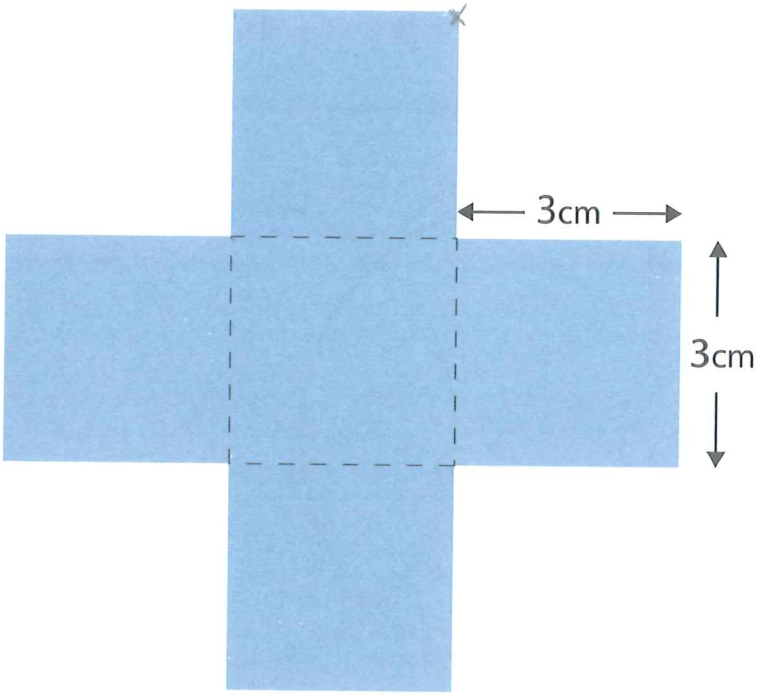
$5 \times (8 - 3) + 4 =$

1m

TOTAL

10m

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



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

cm

1m

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

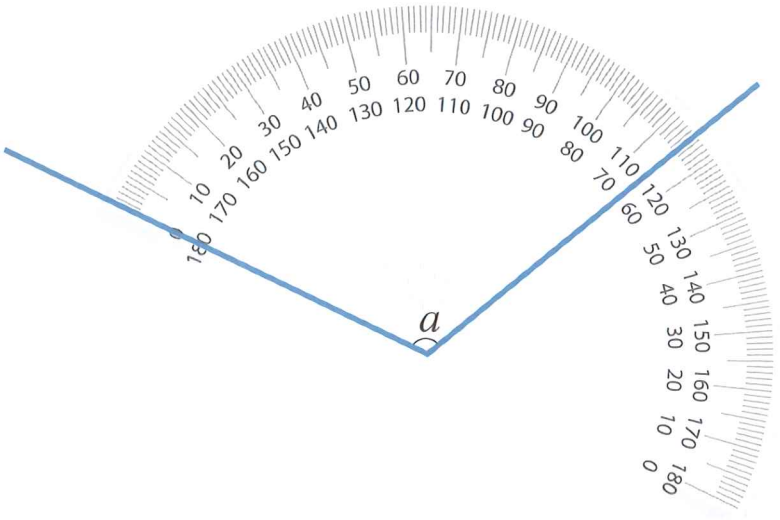
cm^2

1m

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

1m

10 What is the size of angle *a*?



a = ° 1m

11 In a sports club there are 75 children.

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

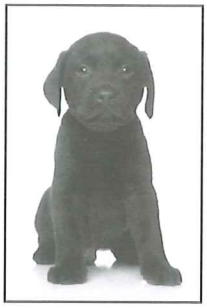
What is the ratio of **girls** to **boys** in its simplest form?

: 1m

12 $5^2 - 2^2 =$ 1m

TOTAL 6m

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

15 Work out 30.12 divided by 6

1m

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

1m

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

Give your answer to 2 decimal places.

1m

18 Hours spent on homework:

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

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

hours

2m

TOTAL

8m

19

$25 \times \square = 2.5$

1m

$25 \div \square = 0.5$

1m

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

She reduces the price by 20%.

Each t-shirt is reduced by £ ☐

1m

21 Write in order.

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

☐ ☐ ☐ ☐

1m

smallest **largest**

22 Complete the table.

Map distance	Real-life distance	Scale
8cm	m	1 : 1000

1m

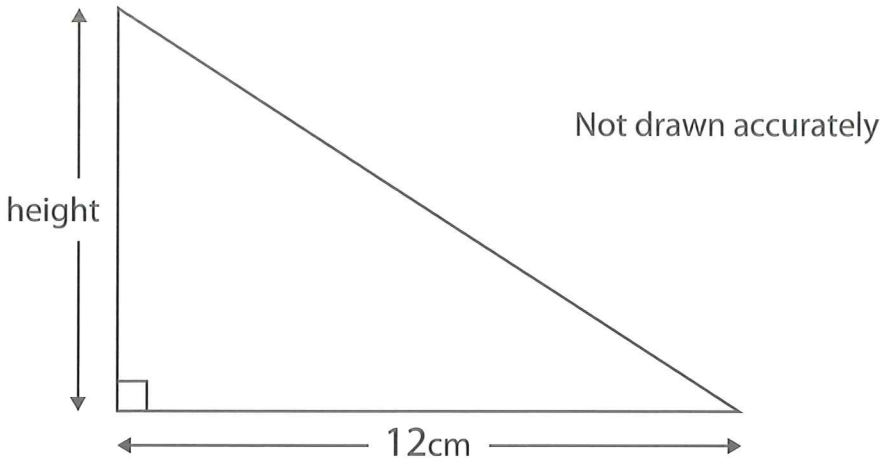
23 Work out 736 ÷ 32

2m

TOTAL

7m

24



The area of this triangle is 54cm^2

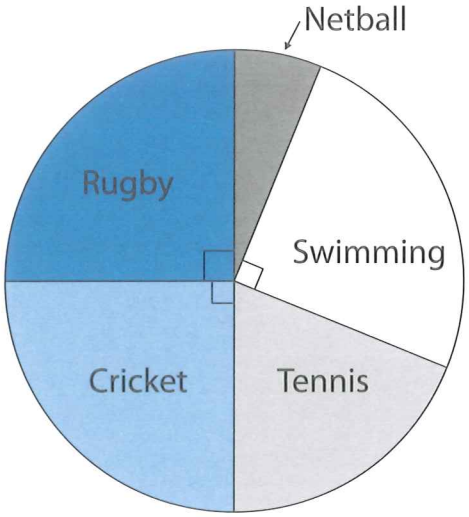
What is the **height** of the triangle?

cm

2m

25

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

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