NUMERACY

7EP13

First name _____

Last name _____

School _____

Class _____

Date of birth ◯◯ ◯◯ ◯◯◯◯

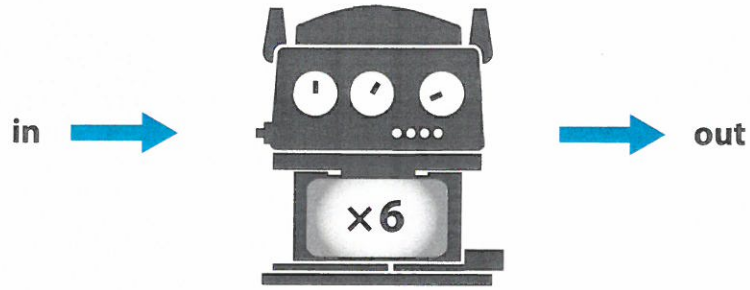
Date of test ◯◯ 0 5 2 0 1 3

Total score ◯ (maximum 35)

National Numeracy Tests

Llywodraeth Cymru
Welsh Government

1 Number machine:



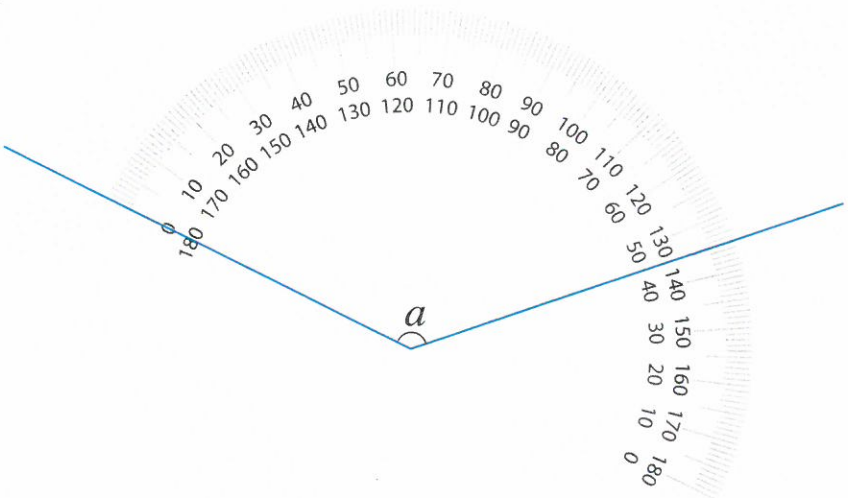
8 goes **in**. What number comes out?

1m

120 comes **out**. What number went in?

1m

2 What is the size of angle a?



$a =$ °

1m

3 Circle all the **factors** of 12

1	2	3	4	5	6
7	8	9	10	11	12

1m

Write two **multiples** of 12

and

1m

4 Write **double** five hundred thousand in figures.

1m

Write **half** of three hundred thousand in figures.

1m

5 Carys has £120

She spends £49.99

How much is left?

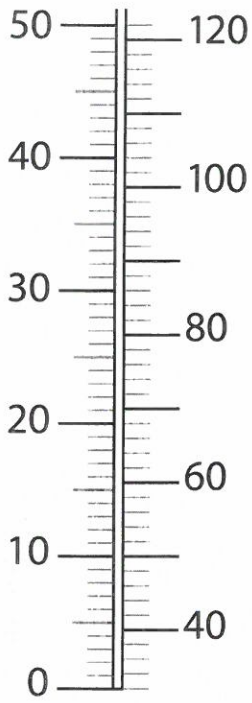
£

1m

TOTAL

8m

6



10°C = ☐ °F

1m

☐ °C = 86°F

1m

7

0.15 + ☐ = 1

1m

0.675 + ☐ = 1

1m

8

£1.98 £2.05 £7.48 £9.90 £4.53

Estimate the total amount.

£ ☐

1m

9 Circle all the numbers that are divisible by **both** 4 and 5

8	10	20
50	80	120

1m

10 $4 \times 3 + 7 \times 3 =$ ☐

1m

11 Round 0.8127 to **3** decimal places.

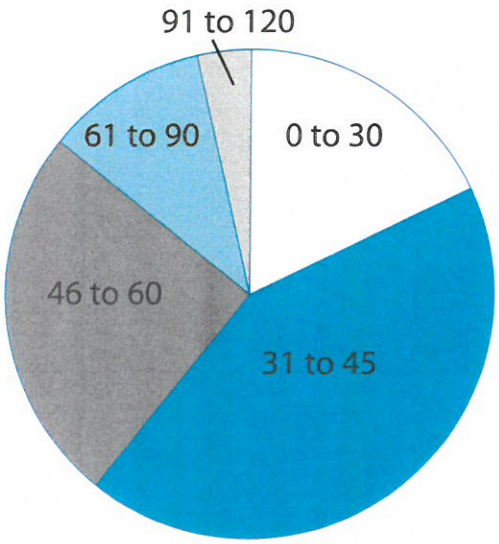
☐

1m

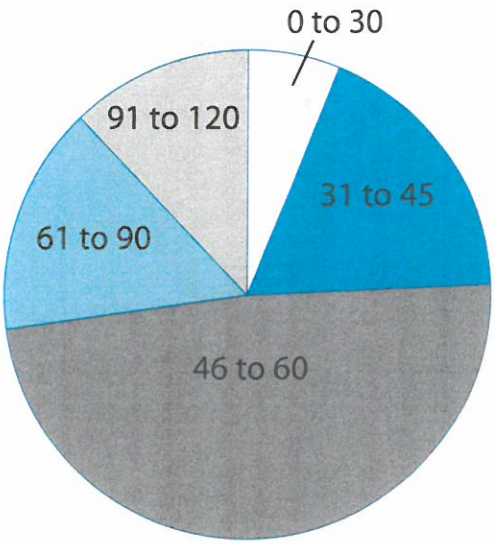
TOTAL

8m

12 **Homework time at the weekend (in minutes)**



Group A



Group B

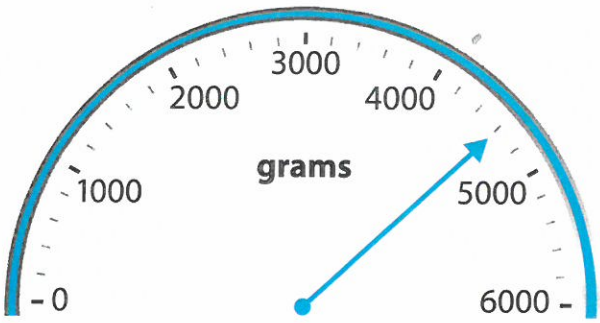
Group ☐ has a **modal** class of 31 to 45 minutes.

Group ☐ spends **more** time on homework in general. ○ 1m

Complete this sentence for Group A.

$\frac{1}{4}$ of the pupils did homework for ☐ to ☐ minutes. ○ 1m

13



How many **grams** does the arrow show?

grams

1m

Write this in **kilograms**.

kilograms

1m

14

9.485 seconds

Round this time to the nearest **tenth** of a second.

seconds

1m

15

17 ÷ 0.5 =

1m

3 ÷ 0.2 =

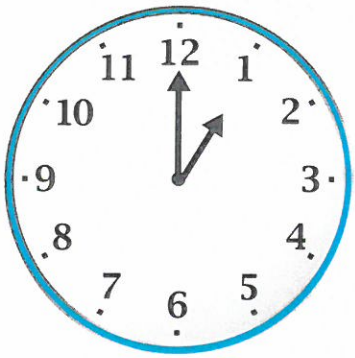
1m

TOTAL

7m

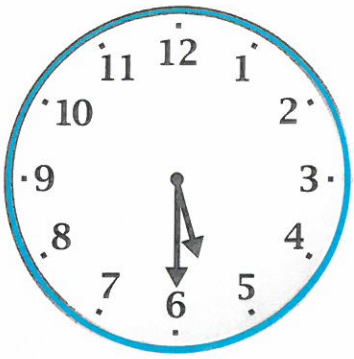
16

London



pm

Mumbai



pm

The time in London is $4\frac{1}{2}$ hours **behind** the time in Mumbai.

At [**6 : 45**] [**am**] in London, it is [:] [ ] in Mumbai. 1m

At [:] [ ] in London, it is [**2 : 00**] [**pm**] in Mumbai. 1m

17

[$\frac{3}{5}$] = [ ] = [%] 1m

Fraction Decimal Percentage

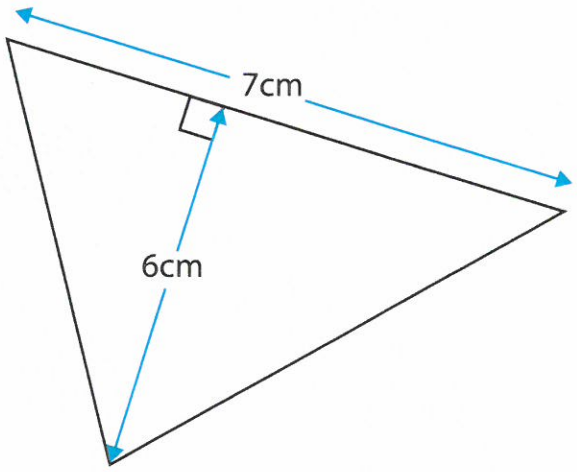
18 Scores on a computer game:

21 23 18 17 21

What is the **mean** score?

2m

19 Work out the **area** of the triangle.



cm²

1m

TOTAL

6m

20 Work out $352 \div 16$

2m

21 Complete the table.

Map distance	Real-life distance	Scale
1cm	1m	1 : 100
8cm	240cm	1 : _____

1m

22 Write in order.

$\frac{1}{3}$ $\frac{1}{5}$ $\frac{3}{10}$

smallest		**largest**

1m

23 There are 150 books on a bookshelf.

2% of the books are about cars.

How many of the books are about cars?

books

2m

TOTAL

6m

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