

NUMERACY

7EP13

First name _____

Last name _____

School _____

Class _____

Date of birth

Date of test

Total score (maximum 35)

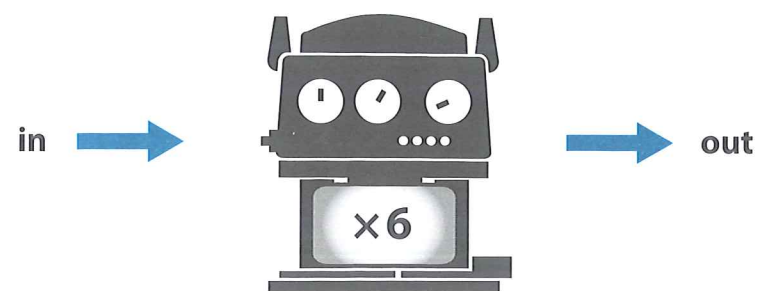


National Numeracy Tests

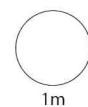


Llywodraeth Cymru
Welsh Government

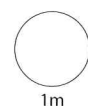
1 Number machine:



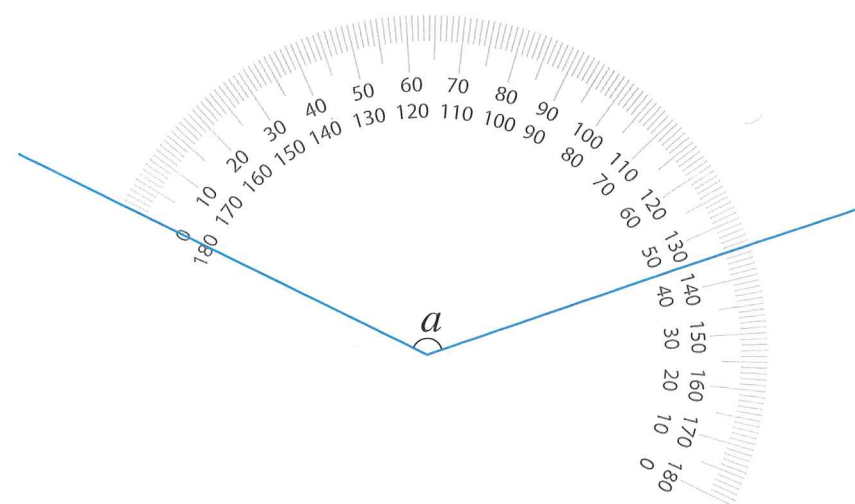
8 goes **in**. What number comes out?

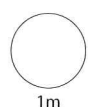


120 comes **out**. What number went in?



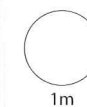
2 What is the size of angle a ?





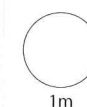
3 Circle all the **factors** of 12

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

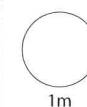


Write two **multiples** of 12

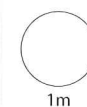
and



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



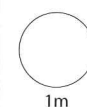
Write **half** of three hundred thousand in figures.



5 Carys has £120

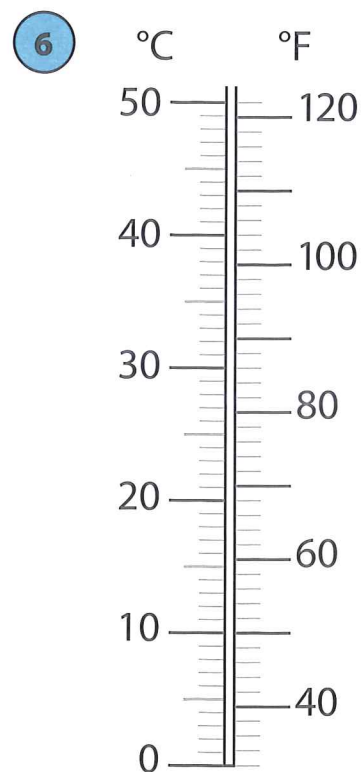
She spends £49.99

How much is left?



TOTAL





$$10^{\circ}\text{C} = \boxed{}^{\circ}\text{F}$$

$$\boxed{}^{\circ}\text{C} = 86^{\circ}\text{F}$$

7

$$0.15 + \boxed{} = 1$$

$$0.675 + \boxed{} = 1$$

8

£1.98 £2.05 £7.48 £9.90 £4.53

Estimate the total amount.

£

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

8	10	20
50	80	120

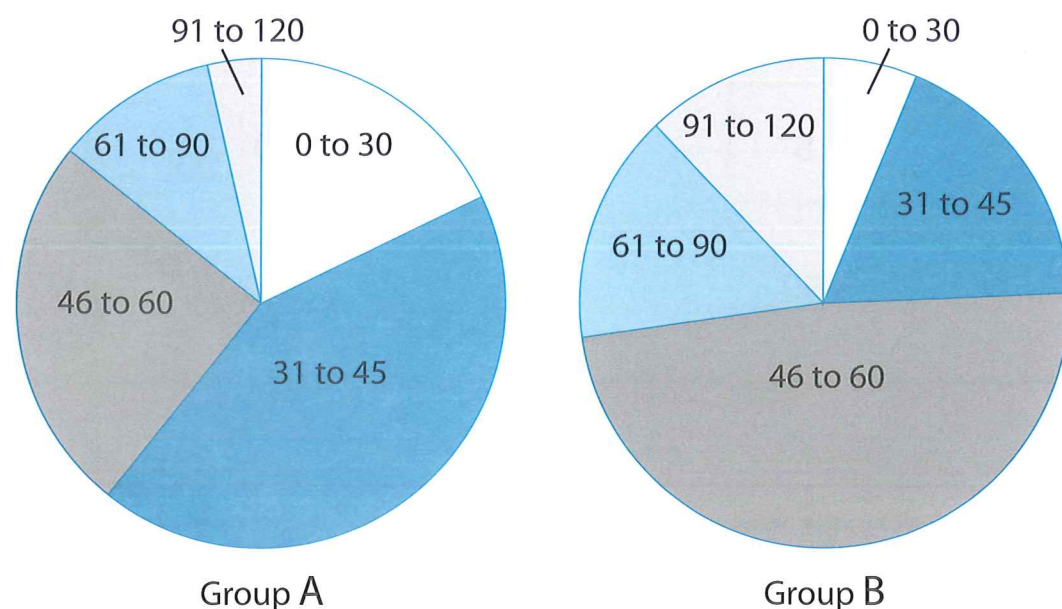
10

$$4 \times 3 + 7 \times 3 = \boxed{}$$

11 Round 0.8127 to 3 decimal places.

12

Homework time at the weekend (in minutes)



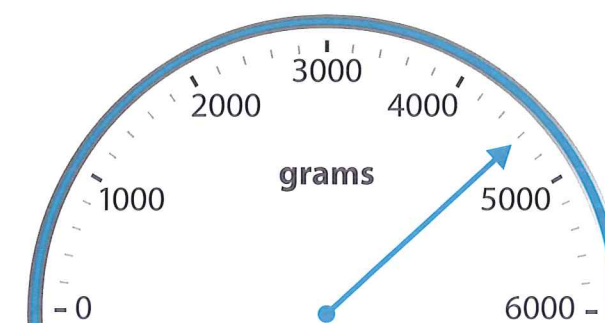
Group has a **modal** class of 31 to 45 minutes.

Group spends **more** time on homework in general.

Complete this sentence for Group A.

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

13



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

grams

Write this in **kilograms**.

kilograms

14



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

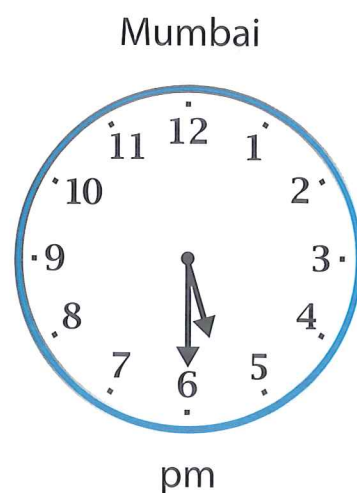
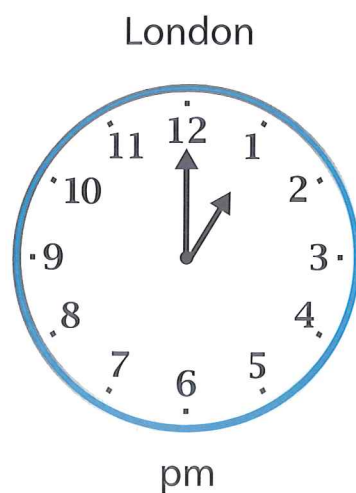
seconds

15

$$17 \div 0.5 = \boxed{}$$

$$3 \div 0.2 = \boxed{}$$

16



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.

At : in London, it is : in Mumbai.

17

The diagram illustrates the conversion of the fraction $\frac{3}{5}$ to its decimal and percentage equivalents. It consists of three boxes connected by equals signs. The first box, labeled 'Fraction', contains the fraction $\frac{3}{5}$. The second box, labeled 'Decimal', is empty. The third box, labeled 'Percentage', is empty and followed by a percent sign (%).

8

18

18 Scores on a computer game:

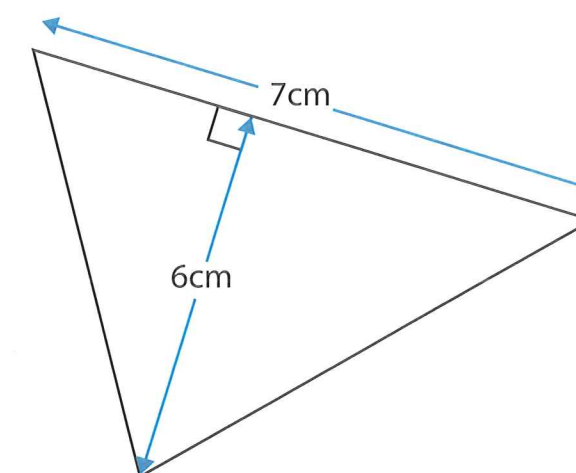
21 23 18 17 21

What is the **mean** score?

This image shows a blank sheet of white paper with horizontal blue lines. In the top-left corner, there is a small icon of a notepad with a pencil. In the bottom-right corner, there is a large, empty rectangular box defined by a blue border. The entire page is framed by a thin blue border.

19

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

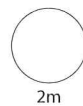
cm²

9

TOTAL

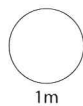
6m

20 Work out $352 \div 16$

[illegible]

21 Complete the table.

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

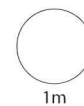


22 Write in order.

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

smallest

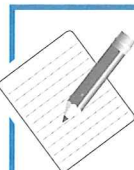
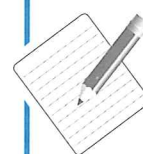
largest



23 There are 150 books on a bookshelf.

2% of the books are about cars.

How many of the books are about cars?



books

