

NUMERACY

7EP13

First name _____

Last name _____

School _____

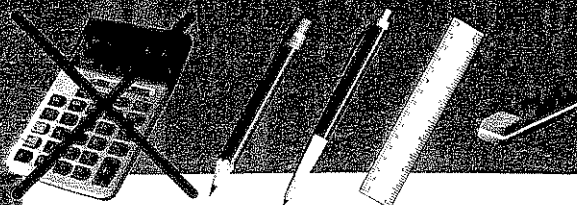
Class _____

Date of birth ○○ ○○ ○○○○

Date of test ○○ 05 2013

Total score (maximum 35)

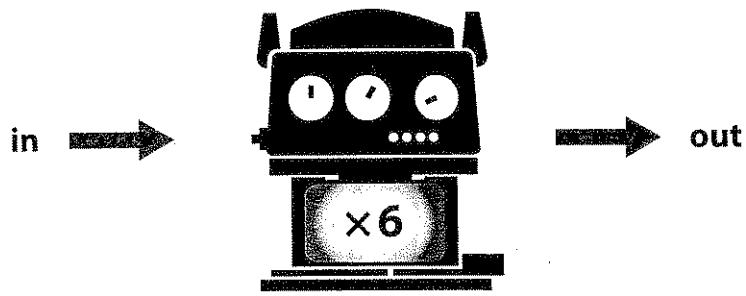
National Numeracy Tests



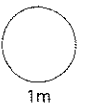
Llywodraeth Cymru
Welsh Government



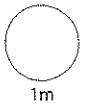
1 Number machine:



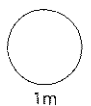
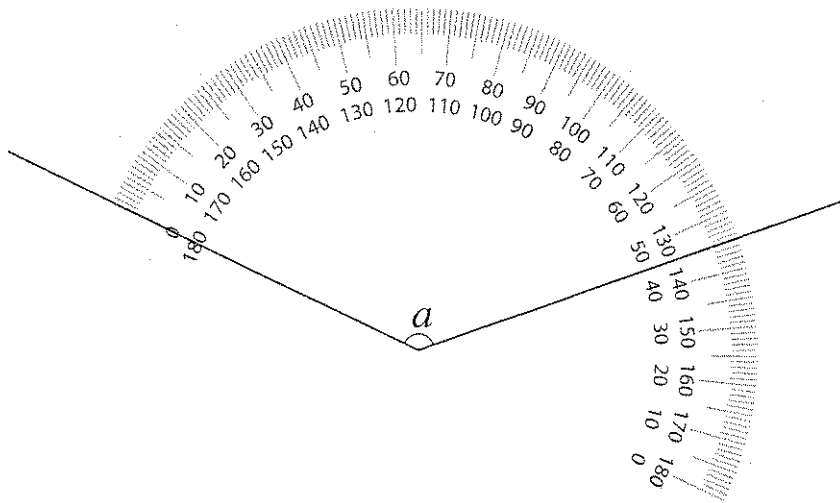
8 goes **in**. What number comes out?



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

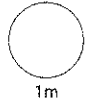


2 What is the size of angle a ?



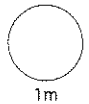
3 Circle all the **factors** of 12

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

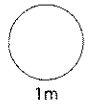


Write two **multiples** of 12

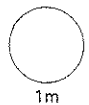
and



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



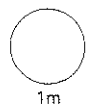
Write **half** of three hundred thousand in figures.



5 Carys has £120

She spends £49.99

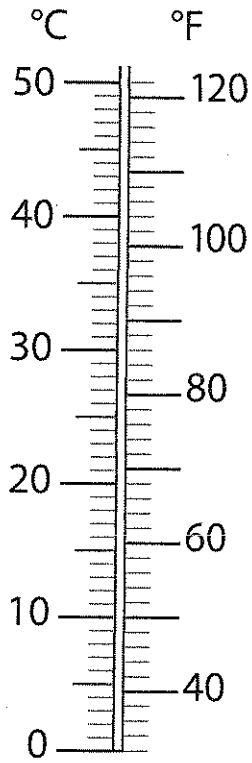
How much is left?



TOTAL

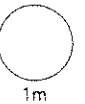
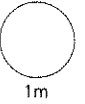


6



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

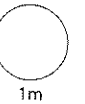
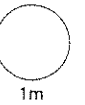
$$\boxed{}^{\circ}\text{C} = 86^{\circ}\text{F}$$



7

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

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

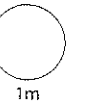


8

£1.98 £2.05 £7.48 £9.90 £4.53

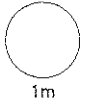
Estimate the total amount.

$$\boxed{}^{\text{£}}$$



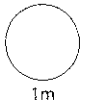
9 Circle all the numbers that are divisible by **both** 4 and 5

8	10	20
50	80	120

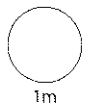


10

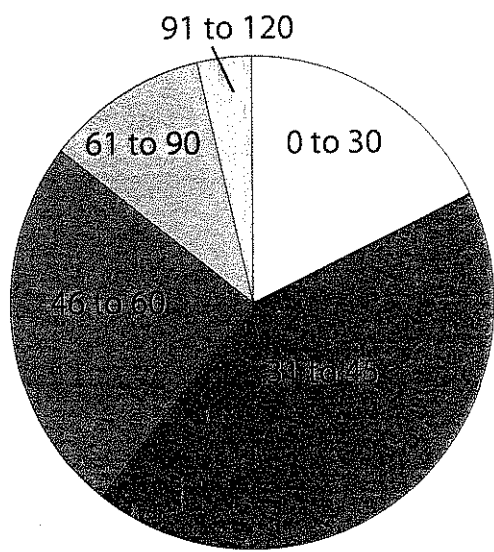
$$4 \times 3 + 7 \times 3 =$$



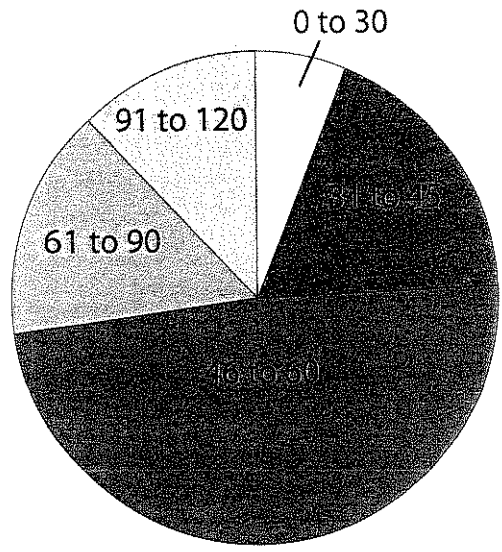
11 Round 0.8127 to **3** decimal places.



Homework time at the weekend (in minutes)



Group A



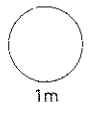
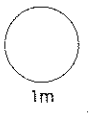
Group B

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

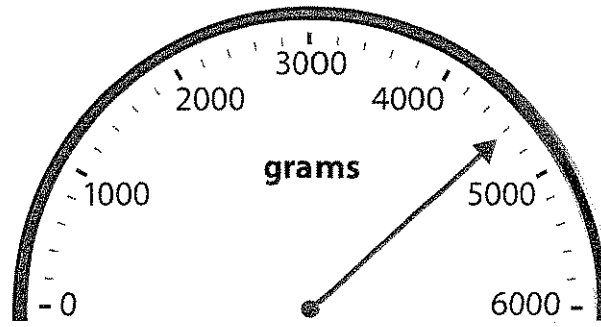
Group spends **more** time on homework in general.

Complete this sentence for Group A.

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

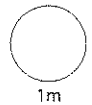


13



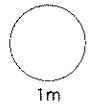
How many **grams** does the arrow show?

grams

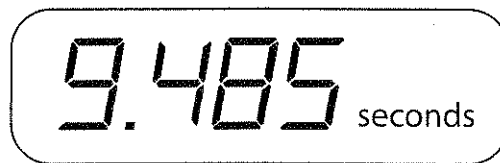


Write this in **kilograms**.

kilograms

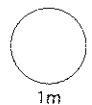


14



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

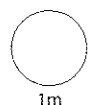
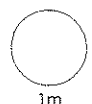
seconds



15

$$17 \div 0.5 =$$

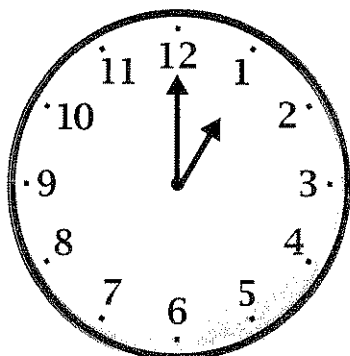
$$3 \div 0.2 =$$



TOTAL

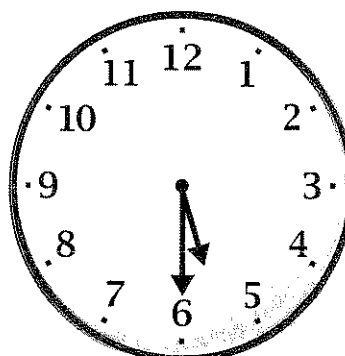


London



pm

Mumbai



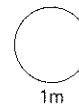
pm

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.



At : in London, it is **2:00** **pm** in Mumbai.



$$\boxed{\frac{3}{5}} = \boxed{} = \boxed{}\%$$

Fraction

Decimal

Percentage





Scores on a computer game:

21

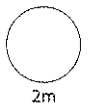
23

18

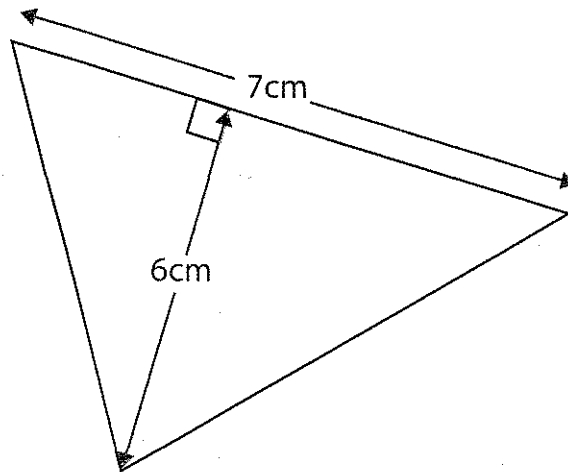
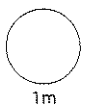
17

21

What is the **mean** score?



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

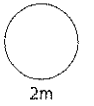
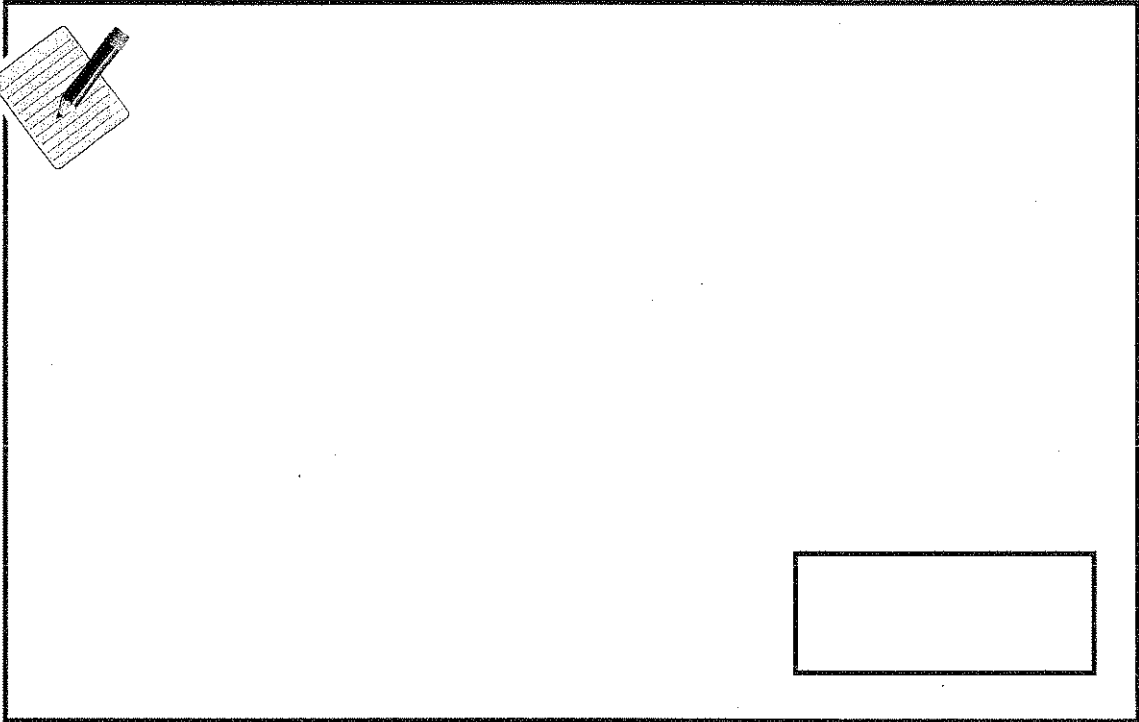



TOTAL



20

Work out $352 \div 16$



21

Complete the table.

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

