

NUMERACY

8EP13

First name _____

Last name _____

School _____

Class _____

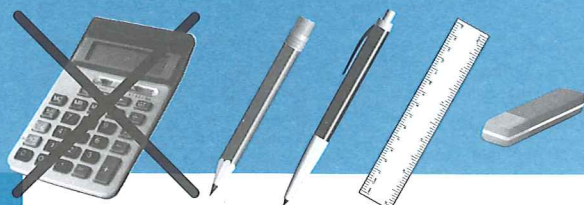
Date of birth ○○ ○○ ○○○○

Date of test ○○ 05 2013

Total score (maximum 36)



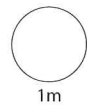
National Numeracy Tests



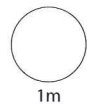
Llywodraeth Cymru
Welsh Government

1

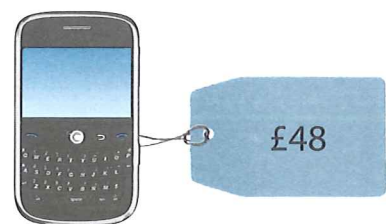
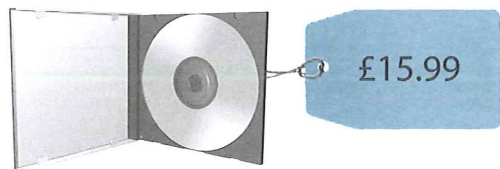
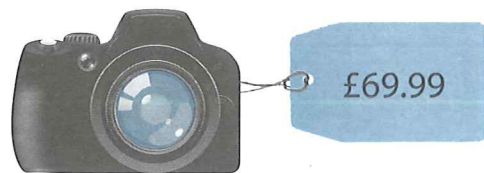
+ 5.4 = 10



+ 678 = 1000

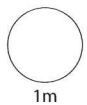


2

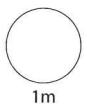


Estimate the total cost.

£

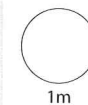


3 Work out $\frac{3}{10}$ of 70

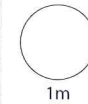


4

$7 \times 0.9 =$



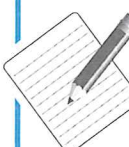
$4.8 \div 6 =$



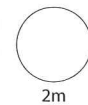
5 The bill for 5 people at a restaurant is £73.55

They want to divide it equally.

How much for each person?

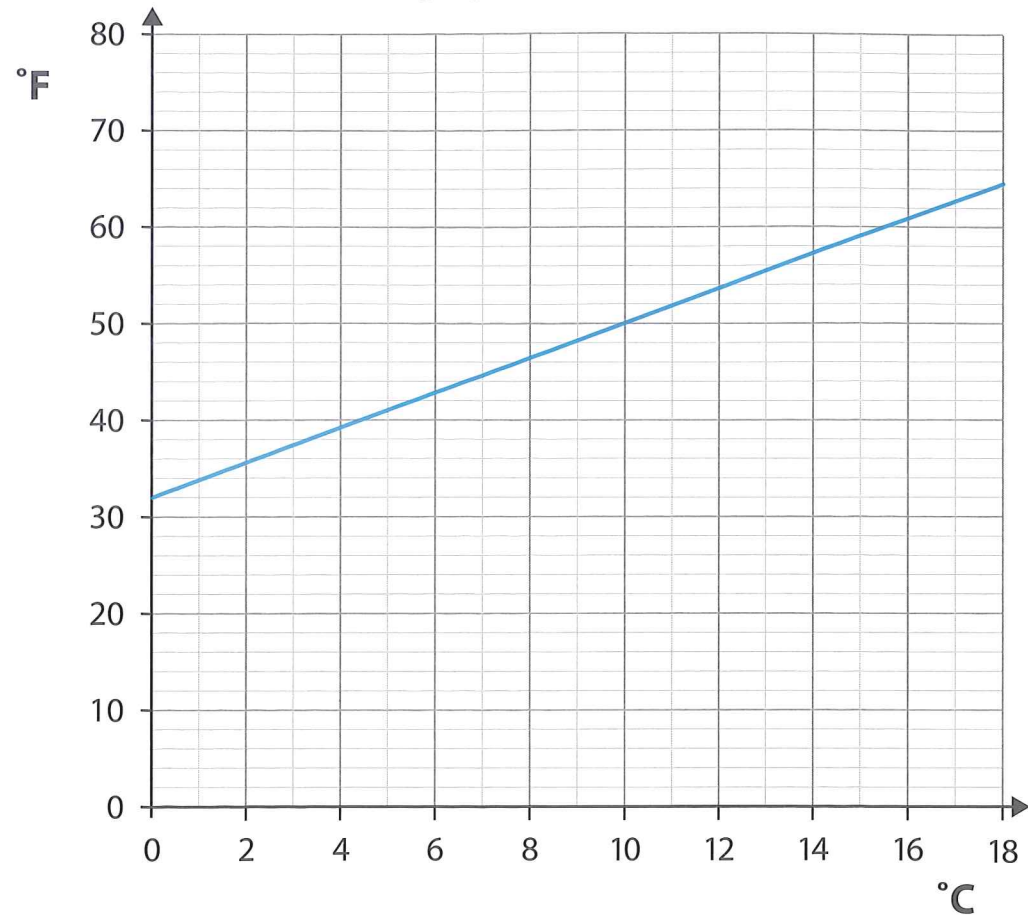


£



6

Changing between °C and °F

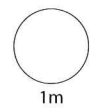
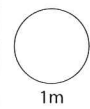
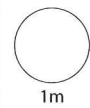


$10^{\circ}\text{C} = \boxed{}^{\circ}\text{F}$

$48^{\circ}\text{F} = \boxed{}^{\circ}\text{C}$

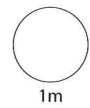
Estimate 21°C in $^{\circ}\text{F}$.

$\boxed{}^{\circ}\text{F}$



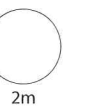
7

$2^5 = \boxed{}$



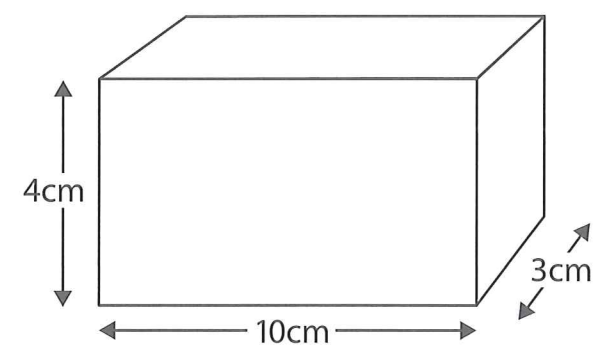
8

Work out 151×27

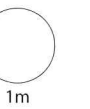


9

Work out the **volume** of the cuboid.



$\boxed{} \text{ cm}^3$

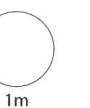


10

20 pens cost £3.60

How much do 4 pens cost?

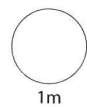
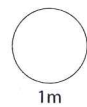
$\boxed{}$



11

$7 + 3 \times 4 =$


$15 - (8 + 9) =$



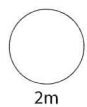
12

Carrots cost 8.5p per 100g.

What is the cost of 2kg of carrots?

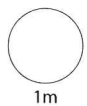


£



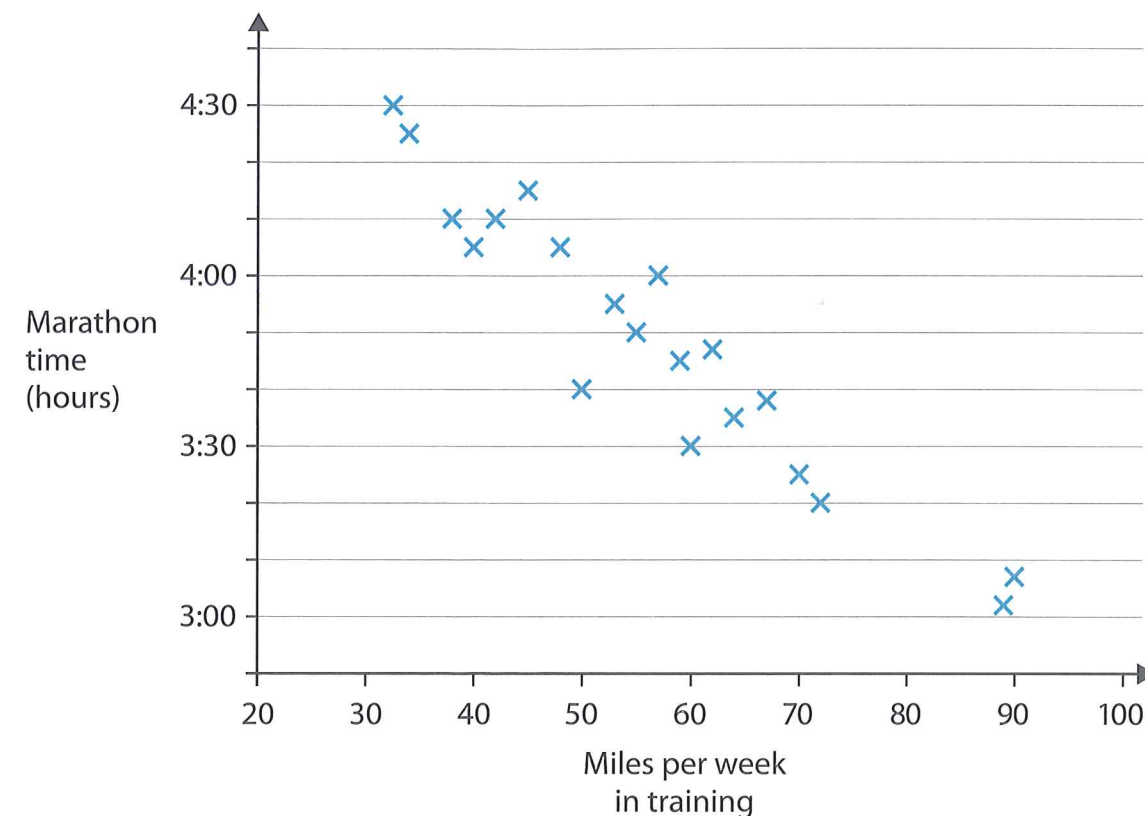
13

$50.2 - 3.09 =$



14

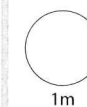
Scatter graph about members of the running club



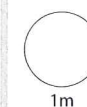
Another runner in the club ran 80 miles per week in training.

Use the graph to estimate this runner's marathon time.

:



What type of **correlation** does the scatter graph show?



- 15 Work out $\frac{1}{6} + \frac{3}{4}$




2m

- 16



This price is **reduced** by 40% in the sale.

What is the sale price of the boots?



£

2m

- 17

$2\frac{1}{2} \text{ km} =$ cm

1m

- 18

Joe and Gwen share £840 in the ratio 3 : 4

How much do they get?



Joe gets £

Gwen gets £

2m


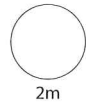
- 19

Round 475 604 to **two** significant figures.

1m

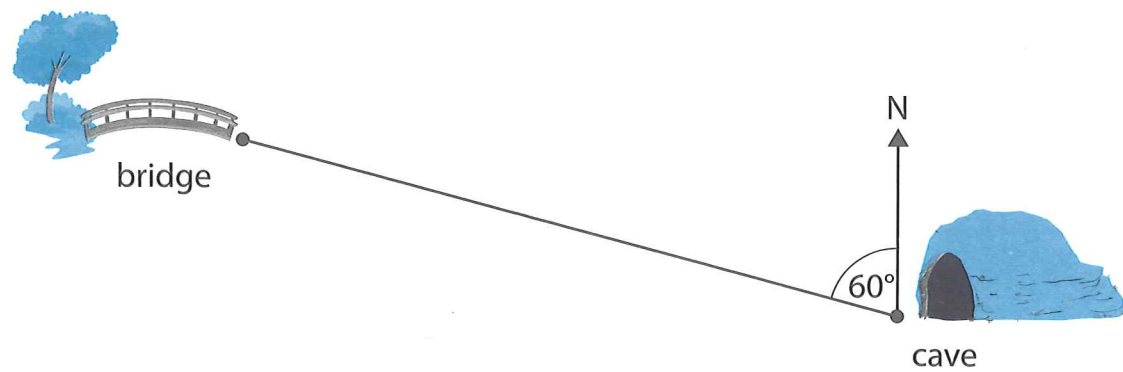
TOTAL
8m

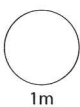
20 Calculate 12.5% of £168

21 Neelam is at the cave.

On what **bearing** must she walk to get to the bridge?

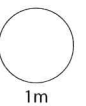




22

Books read over the holiday	Number of pupils
0-2	1
3-5	8
6-8	2
9-11	7
12-14	5
Total:	23

What is the **modal** class?

What is the **median** class?