

NUMERACY

8EP13

First name _____

Last name _____

School _____

Class _____

Date of birth ○○ ○○ ○○○○

Date of test ○○ 05 2013

Total score (maximum 36)



National Numeracy Tests

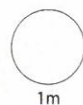
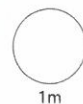


Llywodraeth Cymru
Welsh Government

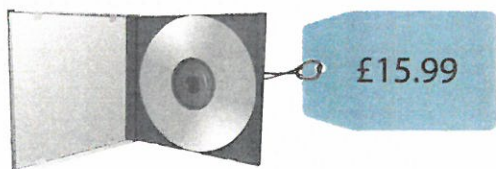
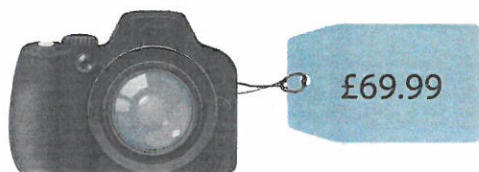
1

$$+ 5.4 = 10$$

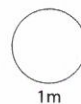
$$+ 678 = 1000$$



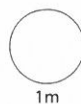
2



Estimate the total cost.



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

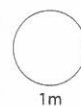


4

$$7 \times 0.9 = \boxed{}$$




$$4.8 \div 6 = \boxed{}$$



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

They want to divide it equally.

How much for each person?

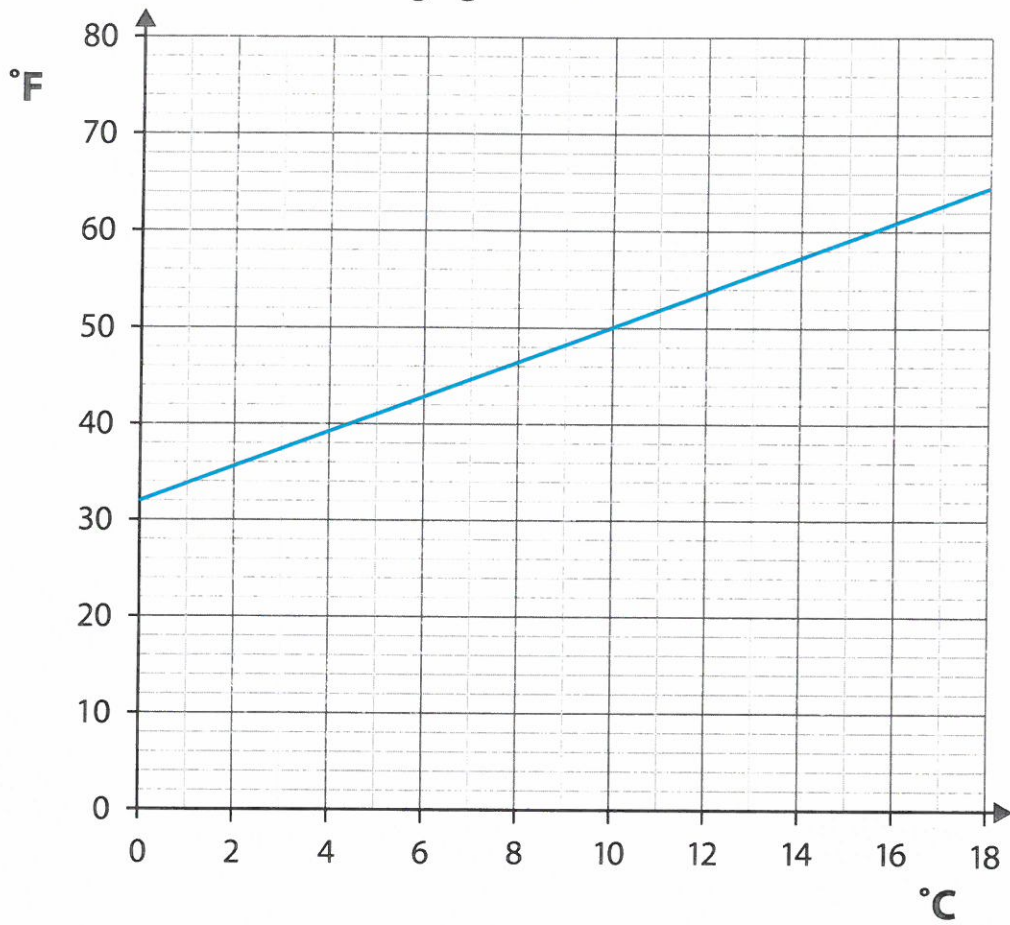


£



6

Changing between °C and °F

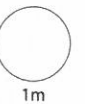
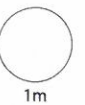
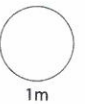


$10^{\circ}\text{C} =$ $^{\circ}\text{F}$

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

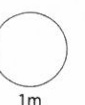
Estimate 21°C in $^{\circ}\text{F}$.

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



7

$2^5 =$

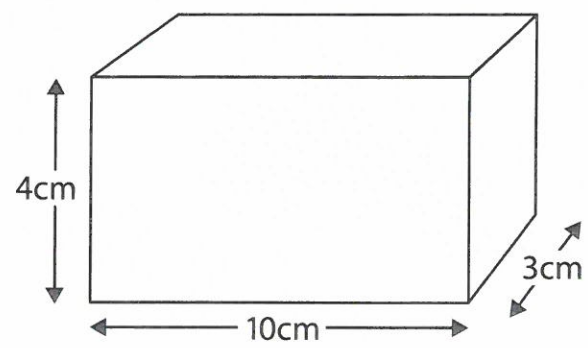


8 Work out 151×27



2m

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



cm³

1m

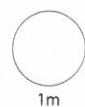
10 20 pens cost £3.60

How much do 4 pens cost?

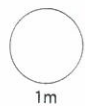
1m

11

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



$$15 - (8 + 9) = \boxed{}$$



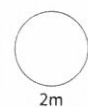
12

Carrots cost 8.5p per 100g.

What is the cost of 2kg of carrots?

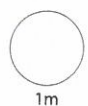


£



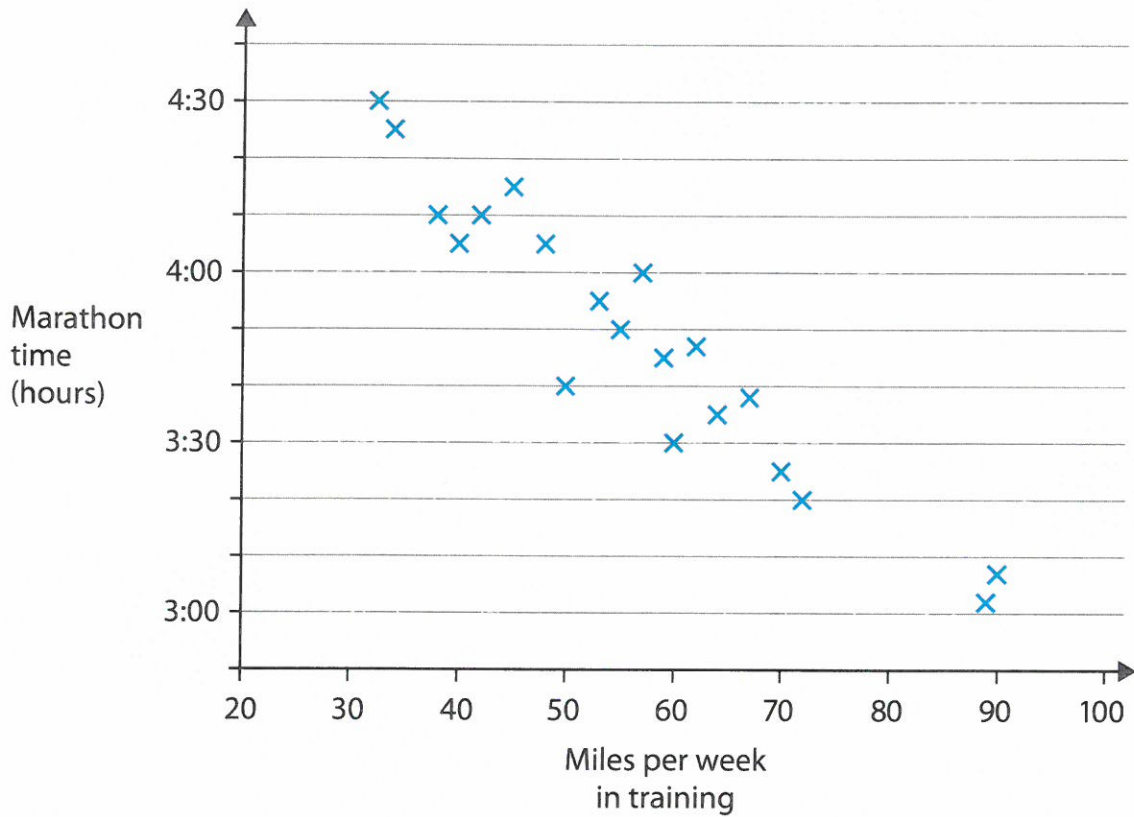
13

$$50.2 - 3.09 = \boxed{}$$



14

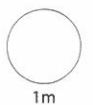
Scatter graph about members of the running club



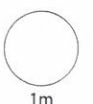
Another runner in the club ran **80** miles per week in training.

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

:



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

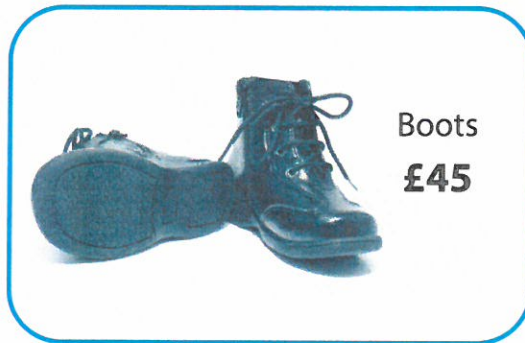


15 Work out $\frac{1}{6} + \frac{3}{4}$



2m

16



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

What is the sale price of the boots?



2m

17


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

1m

18

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

How much do they get?



Joe gets £

Gwen gets £

2m

19

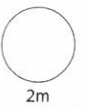
Round 475 604 to **two** significant figures.

1m

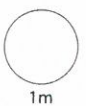
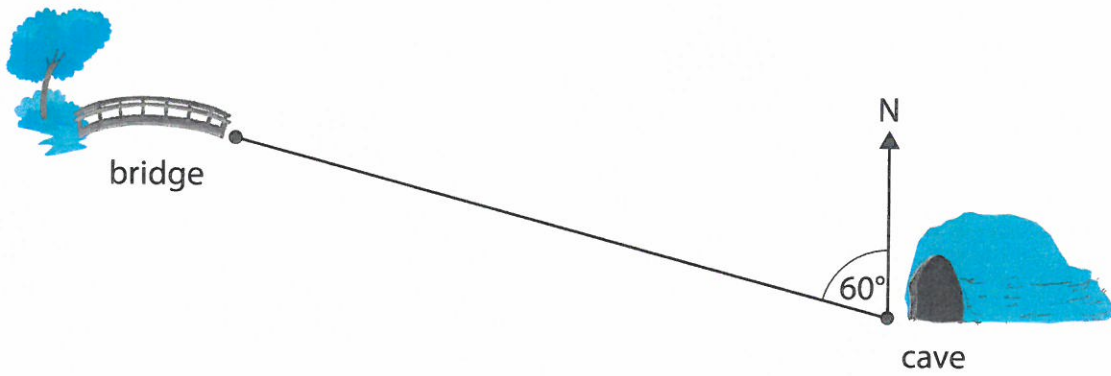
20 Calculate 12.5% of £168



£



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?



