

NUMERACY

First name _____

Last name _____

School _____

Class _____

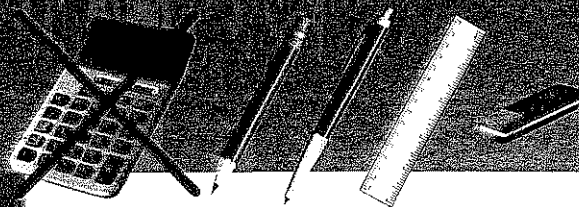
Date of birth

Date of test

Total score (maximum 36)



National Numeracy Tests



Llywodraeth Cymru
Welsh Government

1

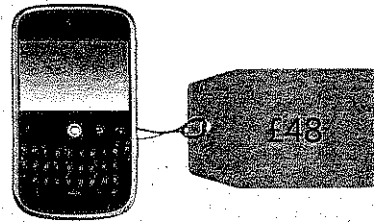
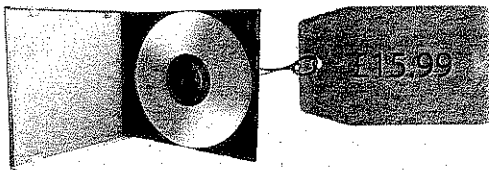
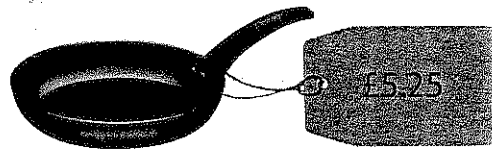
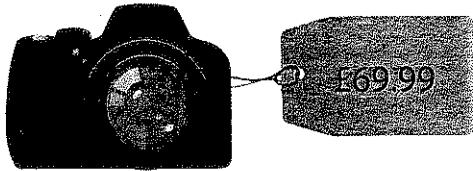
$$+ 5.4 = 10$$

$$+ 678 = 1000$$

1m

1m

2



Estimate the total cost.

1m

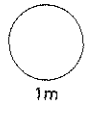
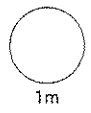
3 Work out $\frac{3}{10}$ of 70

1m

4

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

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

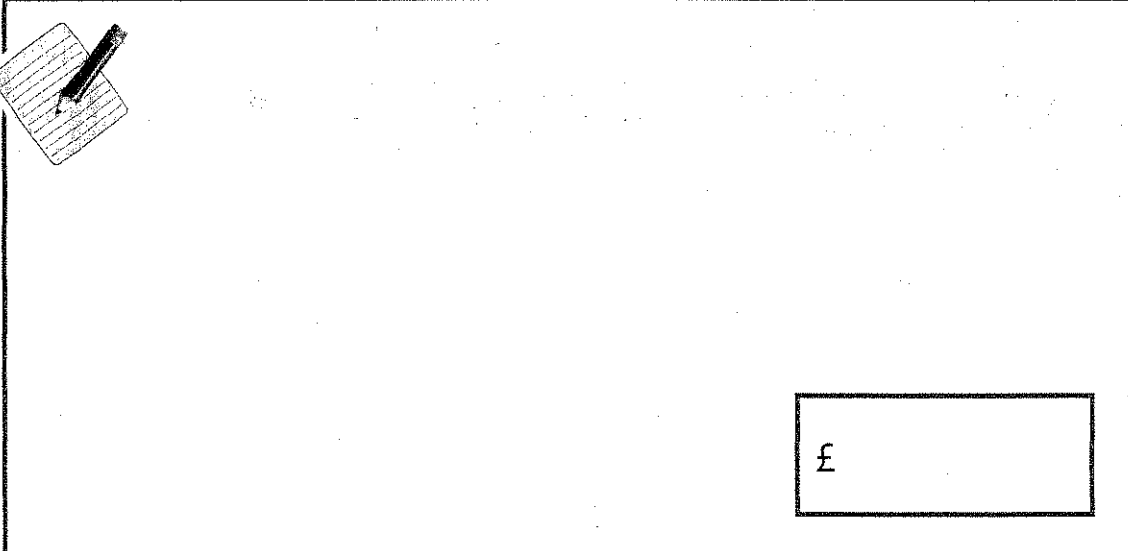


5

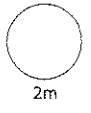
The bill for 5 people at a restaurant is £73.55

They want to divide it equally.

How much for each person?

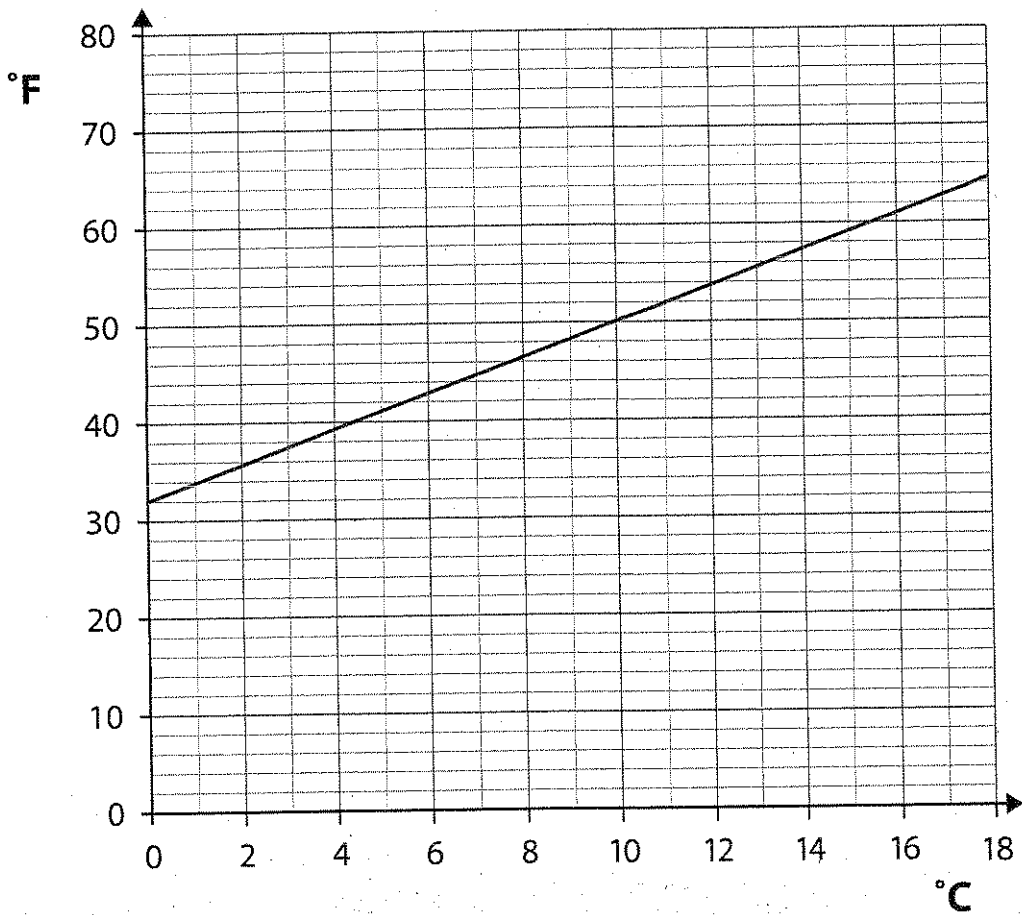


£



6

Changing between °C and °F



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

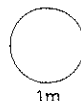
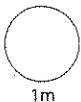
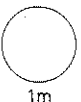
$48^{\circ}\text{F} =$ $^{\circ}\text{C}$

Estimate 21°C in $^{\circ}\text{F}$.

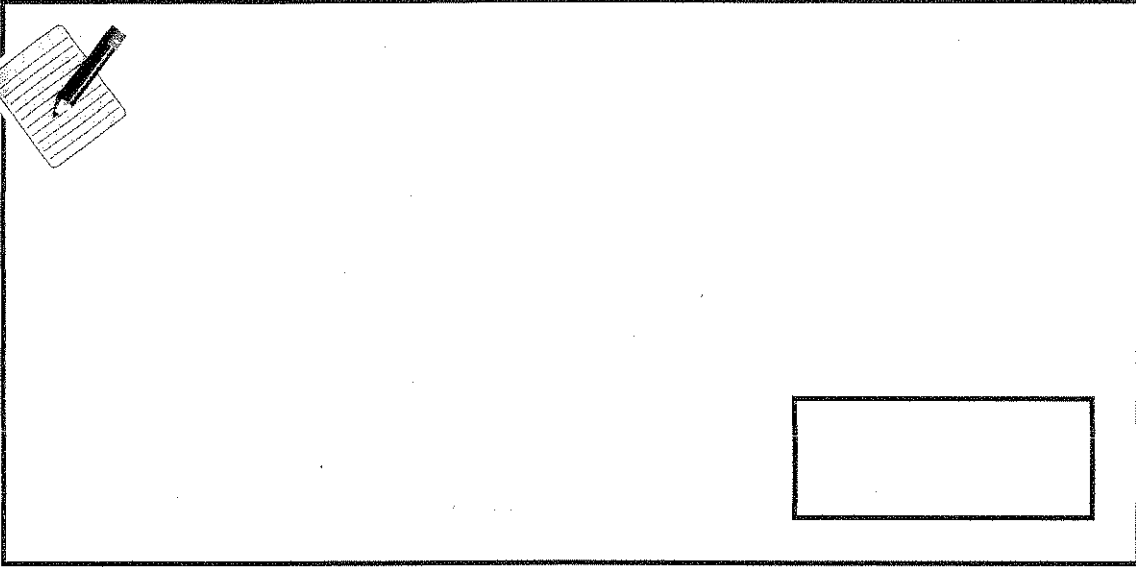
$^{\circ}\text{F}$

7

$2^5 =$

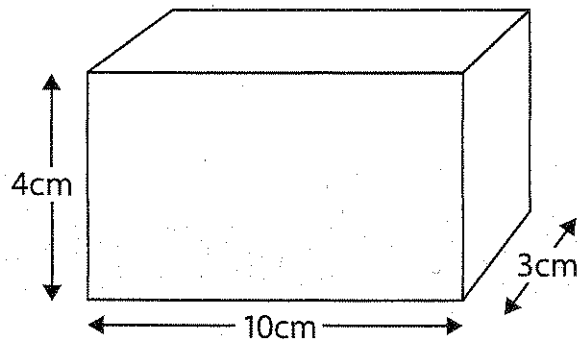


8 Work out 151×27



2m

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



cm³

1m

10 20 pens cost £3.60

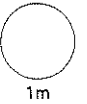
How much do 4 pens cost?

1m

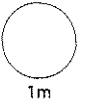
11

$$7 + 3 \times 4 =$$

$$15 - (8 + 9) =$$



1m



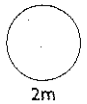
1m

12

Carrots cost 8.5p per 100g.

What is the cost of 2kg of carrots?

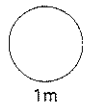
£



2m

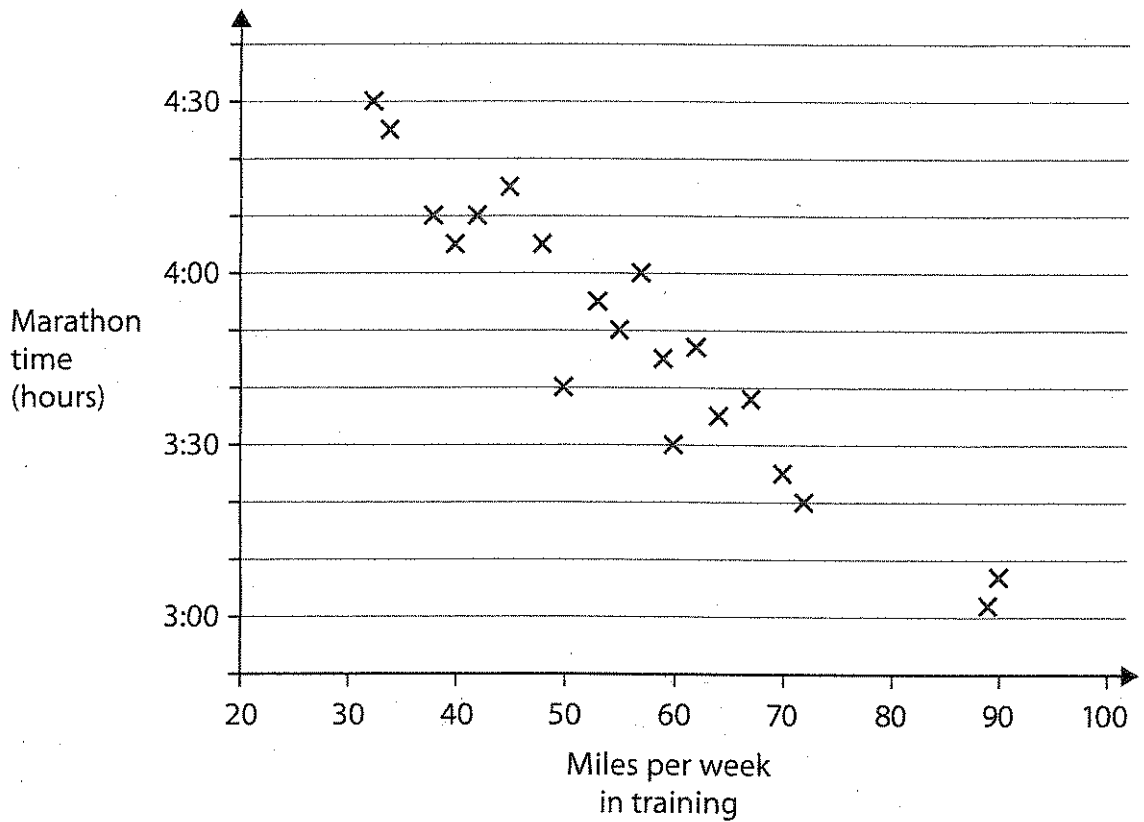
13

$$50.2 - 3.09 =$$



1m

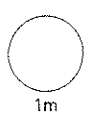
Scatter graph about members of the running club



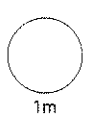
Another runner in the club ran **80** miles per week in training.

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

:

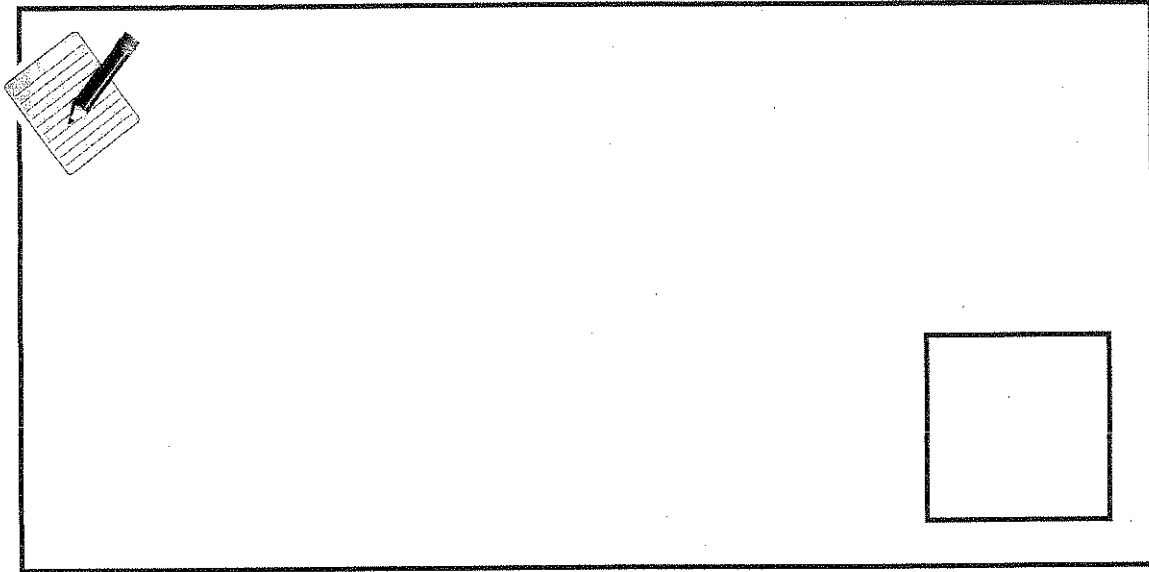


What type of **correlation** does the scatter graph show?



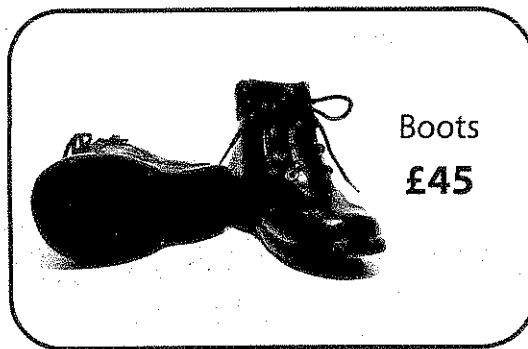
15

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



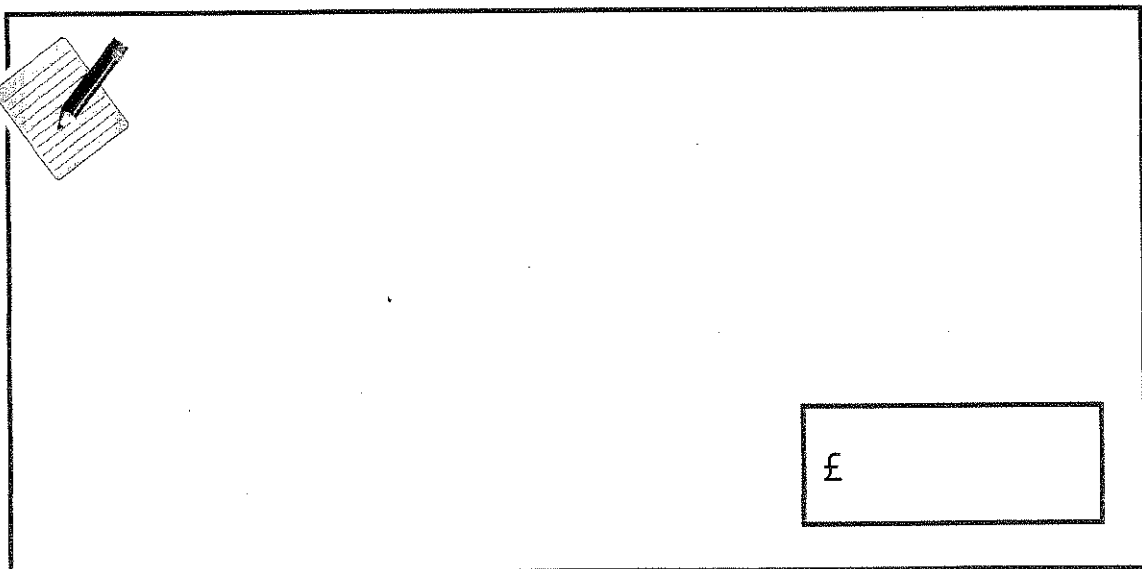
2m

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

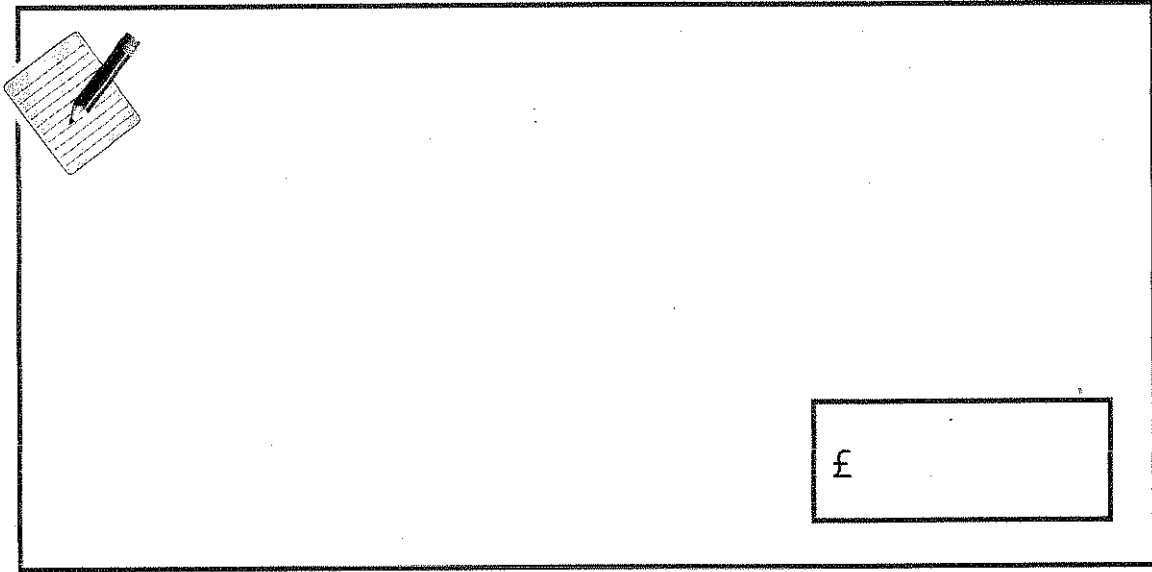
19

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

1m

20

Calculate 12.5% of £168



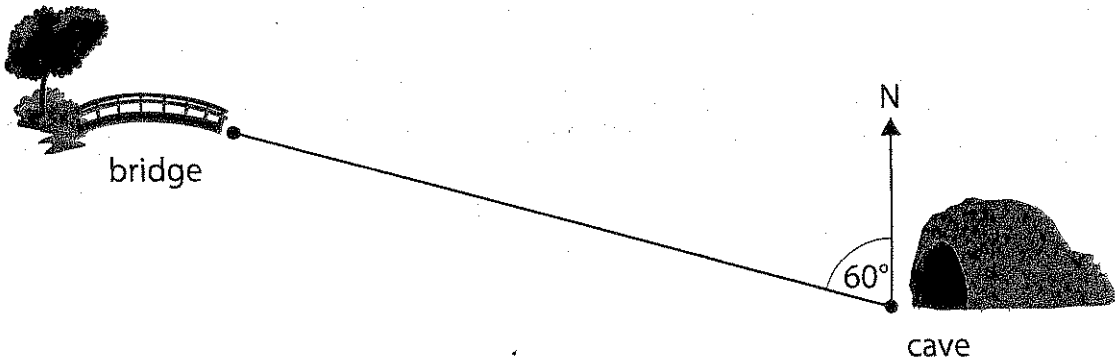
£

2m

21

Neelam is at the cave.

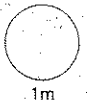
On what **bearing** must she walk to get to the bridge?



1m

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?

