



Solve

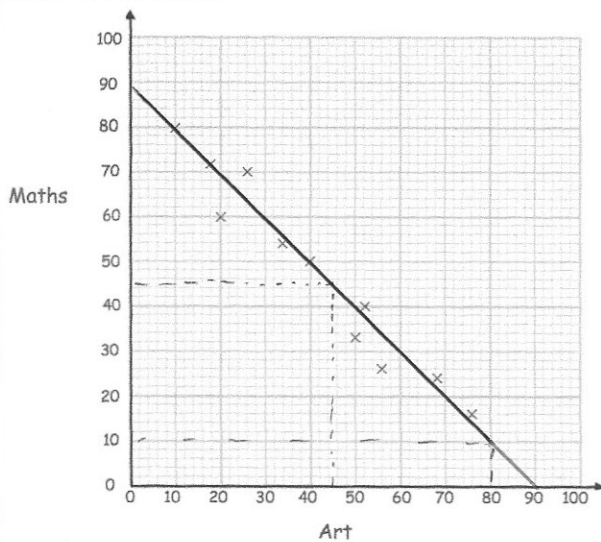
$$3(x + 8) = x + 6$$

$$3x + 24 = x + 6$$

$$2x = -18$$

$$x = -9$$

The scatter graph shows the scores that some students scored in their maths and art exams.



Another student scored 45% in Art. Estimate their score in Maths.

45%

Another student scored 10% in Maths. Estimate their score in Art.

80%

Solve $2x - 9 < 4$

$$2x < 13$$

$$x < 6.5$$

If x is a positive integer, write down all the values of x which satisfies $2x - 9 < 4$.

1, 2, 3, 4, 5, 6

In a sale, all holidays are reduced by 15%.

If a holiday in the sale costs £697, what was the normal price of the holiday?

$$85\% \text{ of } y = 697$$

$$1\% \text{ of } y = 8.2$$

$$100\% \text{ of } y = 820$$

£820