

15th October



Corbettmaths

A square has a perimeter of 28cm.  
What is the area of the square?

$$\text{side length } 28 \div 4 = 7 \text{ cm}$$

$$7 \times 7 = 49 \text{ cm}^2$$

Martin thinks of a number.

He doubles it.

$$25 - 11 = 14$$

He adds 11.

$$14 \div 2 = 7$$

His answer 25.

What was his number?

7

A cinema records some information about the visitors they have one weekend.

Day	Males	Females	Total
Saturday	97	115	212
Sunday	46	102	148
Total	143	217	360

Fill in all the missing values

Solve

$$\frac{x + 3}{4} = 8$$

$$\times 4 \quad \times 4$$

$$x + 3 = 32$$

$$-3 \quad -3$$

$$x = 29$$

Rearrange  $y = 2x + 1$  to make  $x$  the subject

$$y - 1 = 2x$$

$$\div 2 \quad \div 2$$

$$\frac{y-1}{2} = x$$

$$x = \frac{y-1}{2}$$