

28th January



Corbettmaths

$$\boxed{2} \times \boxed{-8} = \boxed{-16}$$

$$\boxed{-6} \times \boxed{-7} = \boxed{42}$$

Foxtown			
52	Sandcliff		
70	32	Red Island	
31	14	28	Donhampton

The table shows the distances in miles by road between some towns.

Which two towns are the furthest apart?

Foxtown and  
Red Island  
70 miles

Solve  $x + 5 = 7$

$$x = 7 - 5$$

$$x = 2$$

Solve  $2w - 1 = 13$

$$2w = 13 + 1$$

$$2w = 14$$

$$w = 14 \div 2$$

$$w = 7$$

A red light flashes every 4 seconds.

A blue light flashes every 9 seconds.

They have both just flashed at the same time.

How long until they both flash again at the same time?

LCM of 4 and 9 = 36  
36 seconds

Multiply out  $x(x + 3)$

$$x^2 + 3x$$

Expand  $3(2y - 1)$

$$6y - 3$$