

19th May



Corbettmaths

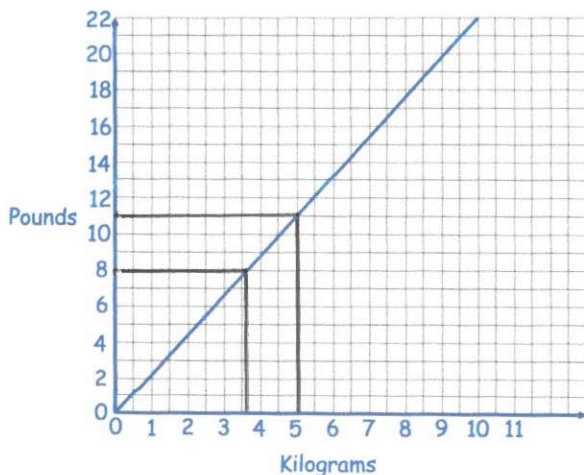
$$\boxed{-5} + \boxed{5} = \boxed{0}$$

$$\boxed{7} + \boxed{-5} = \boxed{2}$$

$$\boxed{7} \quad \boxed{5} \quad \boxed{2} \quad \boxed{-2} \quad \boxed{-5}$$

Use the numbers above to complete the sums.

Shown below is a conversion to change between kilograms and pounds.

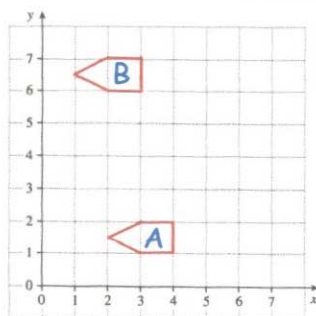


Using the graph, convert 5 kilograms to pounds.

11 pounds

Using the graph, convert 8 pounds to kilograms.

3.6 kg



Write down the translation vector that would take A to B.

$$\begin{pmatrix} -1 \\ 5 \end{pmatrix}$$

The price of a new car is £18000
In a sale, the price is reduced by $\frac{2}{9}$

David buys the car in the sale.
He pays a £2000 deposit and pays the rest over 20 monthly payments.

Find the cost of each monthly payment.

$$\begin{aligned} 18000 \div 9 &= 2000 \\ 2000 \times 2 &= 4000 \\ 18000 - 4000 &= 14000 \\ 14000 - 2000 &= 12000 \\ 12000 \div 20 &= 600 \end{aligned}$$