

Solve  $3x + 7 = 5x - 11$ 

$$7 = 2x - 11$$

$$18 = 2x$$

$$x = 9$$

Andy has  $x$  pence.  $x + 7$   
 Saira has 7 pence more than Andy.  
 Georgia has 9 pence less than Andy.  
 The total amount of money they have  
 is £1.48  $2 - 9$

$$3x - 2 = 148 \quad x = 50$$

$$3x = 150$$

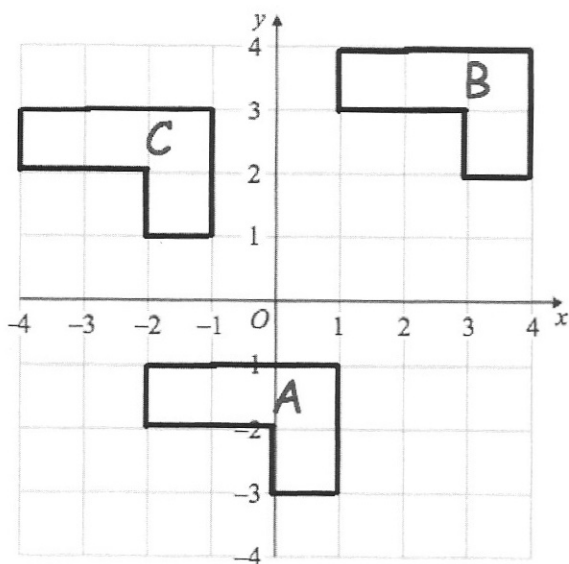
How much money does Georgia have?

$$50 - 9 = 41 \text{ p}$$

Calculate the mass of a piece of metal  
 that has a volume  $20\text{cm}^3$  and density  
 $5.6\text{g/cm}^3$

$$d \cdot v$$

$$20 \times 5.6 = 112 \text{ g}$$



Write down the translation vector that takes shape B to shape A

$$\begin{pmatrix} -3 \\ -5 \end{pmatrix}$$

Write down the translation vector that takes shape A to shape C

$$\begin{pmatrix} -2 \\ 4 \end{pmatrix}$$