



14th August

$$120^2$$

$$14400$$

$$50 - 15 \times 3$$

$$5$$

On a map, 1cm represents 40km

The distance between two cities is 380km

On the map, what is the distance between the two cities?

$$380 \div 40 = \underline{9.5 \text{ cm}}$$

The perimeter of a square is 36cm

Find the area of the square

$$\underline{81 \text{ cm}^2}$$

$$\text{each side} = 36 \div 4 = 9$$

$$9^2 = 81$$

Hugo calculates the size of each angle for a pie chart

Destination	Frequency	
Employment	15	$\times 0.2 = 3^\circ$
Apprenticeship	11	$\times 0.2 = 2.2^\circ$
Further Education	40	$\times 0.2 = 8^\circ$
Gap Year	6	$\times 0.2 = 1.2^\circ$

$$15 + 11 + 40 + 6 = 72$$

$$72 \div 360 = 0.2^\circ \text{ per person}$$

Can you spot what Hugo has done wrong?

should have done

$$360 \div 72 = 5$$