

5.

Answer

Sister gets $£240 \div 8 = £30$

Amount left = $£240 - £30 = £210$

1

Brother gets $£210 \div 5 = £42$

Martin keeps $£210 - £42 = £168$

Answer: £168

1

Total:

2

Method

You know the amount of money that Martin is given: £240.

He gives one-eighth to his sister, so divide by 8: £30

He is now left with £240 take away £30: £210

He gives one-fifth of this to his brother, so divide by 5: £42.

Take away this amount from £210 to find out how much he keeps for himself.

Top Tip

If you need to find a fraction of an amount, and it is a unit fraction (has a numerator of 1), then divide by the denominator. For example:

$$\frac{1}{4} \text{ of } £324 = £324 \div 4 = £81$$

$$\frac{1}{2} \text{ of } £324 = £324 \div 2 = £162$$

$$\frac{1}{3} \text{ of } £324 = £324 \div 3 = £108$$