

3 a

$$a(x+5) = 8.$$

→ multiply out the brackets.

$$ax + 5a = 8.$$

→ Now get x on its own.

$$ax = 8 - 5a$$

→ divide both sides by a .

$$\frac{ax}{a} = \frac{8-5a}{a}$$

$$\boxed{x = \frac{8-5a}{a}}$$