



30% of a number is 24.

Work out the original number.

$$10\% = 8$$

$$100\% = 80$$

80

145% of a number is 1189

Work out the original number.

$$145\% = 1189$$

$$1\% = 8.2$$

$$100\% = 820$$

820

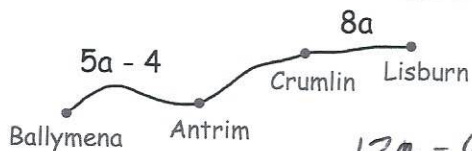
Jasper feeds his dog  $\frac{2}{3}$  of a can of dog food each day.

Work out how many cans of dog food are eaten in January.

Give your answer as a mixed number.

$$\frac{2}{3} \times \frac{31}{1} = \frac{62}{3}$$

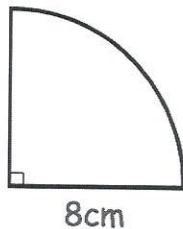
$$20\frac{2}{3}$$



The distance from Ballymena to Lisburn is  $20a$ .

What is the distance from Antrim to Crumlin?

$$7a + 4$$



Calculate the perimeter of the sector.

$$\pi \times 16 = 16\pi \text{ (or } 50.265\dots)$$

$$16\pi \div 4 = 4\pi \text{ (or } 12.566\dots)$$

$$4\pi + 16 \text{ cm (or } 28.566\dots \text{ cm)}$$