



29th September

13% of 800

$$10\% = 80$$

$$1\% = 8$$

$$8 \times 3 = 24$$

104

Simplify $\frac{168}{216}$ $\frac{7}{9}$

A factory makes 20,000 bottles of lemonade.
Each bottle contains 600 millilitres.

How many litres of lemonade does the factory make?

$$20000 \times 600 = 12000000$$

$$\div 1000$$

$$= 12000 \text{ litres}$$

Shannon thinks of a number.

She **multiplies the number by 6** and then **subtracts 70** from the result.

Her answer equals the number she started with.

What was the number Shannon started with?

$$6x - 70 = x$$

$$5x = 70$$

$$x = 14$$

Here is a regular pentagon inside of a regular hexagon.

The perimeter of the pentagon is 1.2m

What is the perimeter of the hexagon?

$$1.2 \div 5 = 0.24$$

$$0.24 \times 6 = 1.44 \text{ m}$$

