



A tea costs 45p

What is 45p as a fraction of £1.35

$$\frac{45}{135} = \frac{1}{3}$$

Give your answer in its simplest form.

Expand  $5(a + c)$

$$5a + 5c$$

Expand  $10(x + 4)$

$$10x + 40$$

Calculate the nth term

3 7 11 15 ... ..

$$4n - 1$$

Is 501 a term in the sequence?

$$\begin{aligned} 4n - 1 &= 501 \\ 4n &= 502 \\ n &= 125.5 \\ \text{No} \end{aligned}$$

Use your calculator to work out the value of

$$\frac{2.12 \times 5.2}{9.21 - 2.8}$$

Write down all the figures on your calculator display.

$$1.719812793$$

Calculate the shaded area

$$\begin{aligned} \pi \times 4^2 - \pi \times 2.5^2 \\ 30.63 \text{ cm}^2 \end{aligned}$$

