

10th October

Foundation 5-a-day



Corbettmαths

Given  $37 \times 102 = 3774$

Work out  $37 \times 103$

3811

Expand  $8(a + c)$

$8a + 8c$

Expand  $x(x + 4)$

$x^2 + 4x$

Calculate the nth term

3 7 11 15 ... ..

~~$4n - 1$~~   $4n - 1$

Is 801 a term in the sequence?

$$4n - 1 = 801$$

$$4n = 802$$

$$n = 200.5$$

No

Use your calculator to work out the value of

$$\frac{(7.8 \times 1.4)^3}{(5.5 - 3.3)^2}$$

269.0435306

Write down all the figures on your calculator display.

Calculate the area of the circle

$$\pi \times 11^2$$

$380.1 \text{ cm}^2$

