

Question 1

Expand and simplify

$$(x + 4)(x - 1)$$

Question 2

Find the  $n$ th term of this sequence:

$$1, 0, -1, -2, -3, \dots$$

Question 3

Work out

$$\frac{8 \times 10^{-10} \times 1.5 \times 10^{-7}}{3 \times 10^6}$$

writing your answer in standard form.

Question 4

The ratio of the size of a regular polygon's interior angle to its exterior angle is 9 : 1.

How many sides does the polygon have?

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## Target 5 Sheet 01A

Question 1

Expand and simplify

$$(x + 4)(x - 1)$$

$$x^2 + 3x - 4$$

Question 3

Work out

$$\frac{8 \times 10^{-10} \times 1.5 \times 10^{-7}}{3 \times 10^6}$$

writing your answer in standard form.

$$4 \times 10^{-23}$$

Question 2

Find the  $n$ th term of this sequence:

$$1, 0, -1, -2, -3, \dots$$

$$-n + 2$$

Question 4

The ratio of the size of a regular polygon's interior angle to its exterior angle is 9 : 1.

How many sides does the polygon have?

20 sides