

Question 1

Expand and simplify

$$(4x - 11)(x + 8)$$

Question 2

Find the n th term of this sequence:

$$0, 4, 8, 12, 16, \dots$$

Question 3

Work out

$$\frac{5 \times 10^{14} \times 2.4 \times 10^7}{2 \times 10^6}$$

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 2 : 1.

How many sides does the polygon have?

Question 1

Expand and simplify

$$(4x - 11)(x + 8)$$

$$4x^2 + 21x - 88$$

Question 3

Work out

$$\frac{5 \times 10^{14} \times 2.4 \times 10^7}{2 \times 10^6}$$

writing your answer in standard form.

$$6 \times 10^{15}$$

Question 2

Find the n th term of this sequence:

$$0, 4, 8, 12, 16, \dots$$

$$4n - 4$$

Question 4

The ratio of the size of a regular polygon's interior angle to its exterior angle is 2 : 1.

How many sides does the polygon have?

6 sides
