

9th September

Corbettmaths

The front elevation of a solid shape is a circle.
 The side elevation of the solid shape is a rectangle.
 The plan view of the solid shape is a rectangle.

Write down the name of the shape.

Cylinder

Calculate the nth term

20 16 12 8

$$-4n + 24$$

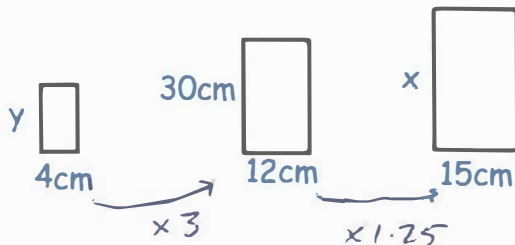
or $24 - 4n$

Work out the 80th term.

$$24 - 4 \times 80$$

$$24 - 320 = -296$$

Not drawn accurately



The diagram shows three similar rectangles.

Work out the value of x.

$$30 \times 1.25 = 37.5\text{cm}$$

Work out the value of y.

$$30 \div 3 = 10\text{cm}$$

Lauren is given a 12% pay rise.
 Her new salary is £24,080

What was Lauren's salary before the pay rise?

$$112\% = 24080$$

$$1\% = 215$$

$$100\% = 21500$$

$$\pounds 21500$$