



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

75 68 61 54

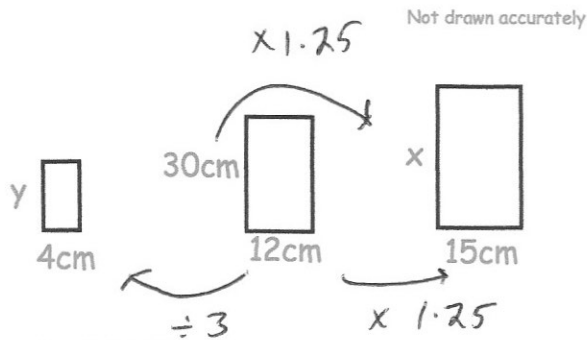
$$-7n + 82$$

or

$$82 - 7n$$

Work out the 100th term.

$$-700 + 82 = -618$$



The diagram shows three similar rectangles.

Work out the value of y.

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

Work out the value of x.

$$30 \times 1.25$$

$$37.5 \text{ cm}$$

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

What was Lauren's salary before the pay rise? y

$$24080 = 112\% \text{ of } y$$

$$215 = 1\% \text{ of } y$$

$$£21500 = 100\% \text{ of } y$$