



The probability of Oliver scoring a penalty is 0.7.  
He takes 30 penalties.

How many goals should he score?

$$30 \times 0.7 = 21$$

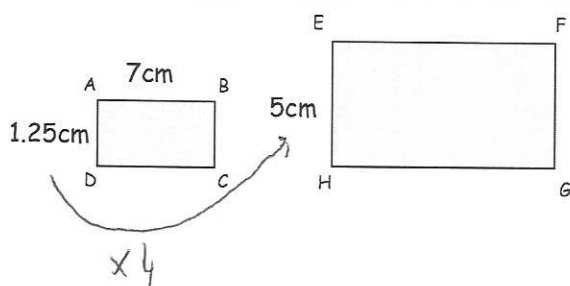
$$-5 < 2x \leq 4$$

x is an integer

Write down all the possible values of x.

$$-2.5 < x \leq 2$$

$$-2, -1, 0, 1, 2$$



Rectangles  $ABCD$  and  $EFGH$  are similar.

$$AD = 1.25\text{cm} \quad AB = 7\text{cm} \quad EH = 5\text{cm}$$

Work out the length of  $EF$ .

$$7 \times 4 = \underline{28\text{cm}}$$

A line has equation  $y = 3x + 4$

Write down the gradient of the line

3

Write down the coordinates of the y-intercept of the line

$(0, 4)$

Factorise  $x^2 + 4x - 12$

$$(x + 6)(x - 2)$$

Factorise  $x^2 - 25$

$$(x - 5)(x + 5)$$