



The probability of Oliver scoring a penalty is 0.7.

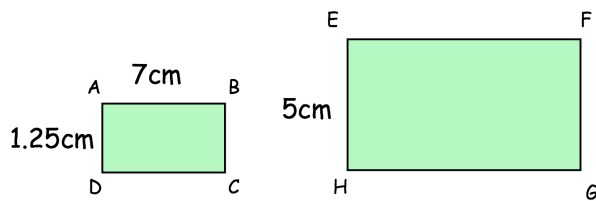
He takes 30 penalties.

How many goals should he score?

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

x is an integer

Write down all the possible values of x .



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 .

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

Write down the gradient of the line

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

Factorise $x^2 + 4x - 12$

Factorise $x^2 - 25$