

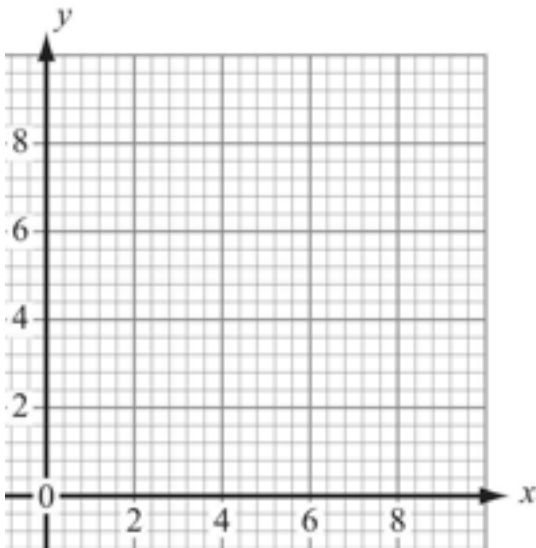
19th March

Corbettmaths

James attends an afterschool club on Monday, Tuesday and Wednesday.

There are 5 possible clubs on Monday
7 possible clubs on a Tuesday and
4 possible clubs on a Wednesday

How many different possible combinations are there?



Draw the inequalities:

$$y \leq x + 4$$

$$y > 2$$

$$x \leq 6$$

$$x > 0$$

Show with the region that satisfies those inequalities with the letter R

P O L Y G O N

There are seven tiles in a bag, each with a letter written on it.

A tile is selected at random, it is **replaced** and then another tile is selected.

Find the probability that both tiles have the same letter on it.

Solve the equation $x^2 + 5x - 1 = 0$

Give your answers to one decimal place.