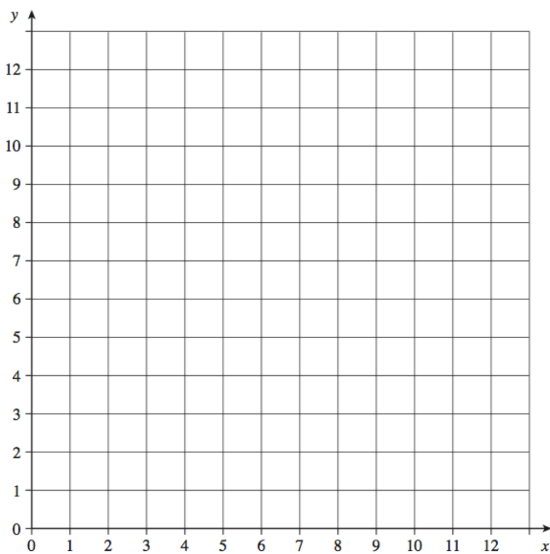




Mylo attends an afterschool club on Monday, Tuesday and Wednesday.

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?



Show the region which satisfies

$$x + y < 11$$

$$x \geq 3$$

$$y > 2$$

Work out $(9.5 \times 10^6)^{-3}$

Give your answer correct to 2 significant figures

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.