

Name: _____

5-a-day

Higher



19th March

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

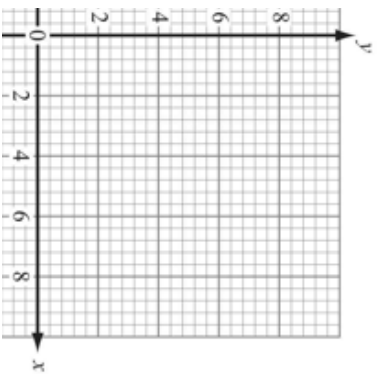
How many different possible combinations are there?

Corbettmaths

Draw the inequalities:

$$\begin{aligned} y &\leq x + 4 \\ y &> 2 \\ x &\leq 6 \\ x &> 0 \end{aligned}$$

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



P O L Y 6 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.

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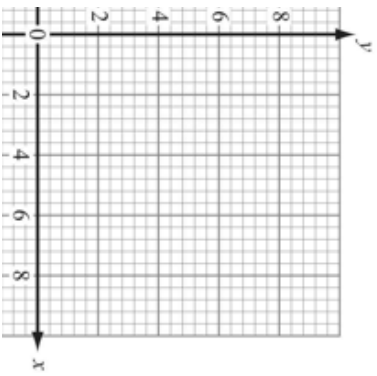
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