

12th December

Corbettmaths

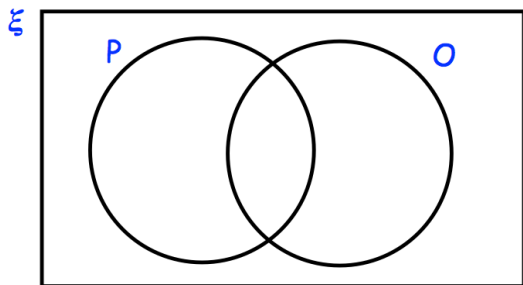
Factorise $4y^2 - 1$ Factorise $x^2 + 6x - 27$

A shop sells a “meal deal” that contains a sandwich, a drink and a snack.

There are 10 different sandwiches.
There are 12 different drinks.
There are 5 different snacks.

How many different “meal deals” could be bought?

Write down the equation of the line that is perpendicular to $y = 6x + 1$ and passes through $(0, 8)$.



$\xi = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$
O = Odd numbers
P = Prime numbers

Complete the Venn diagram

A number is chosen at random

Find $P(O \cup P)$

A number is chosen at random

Find $P(O \cap P)$