

25th September

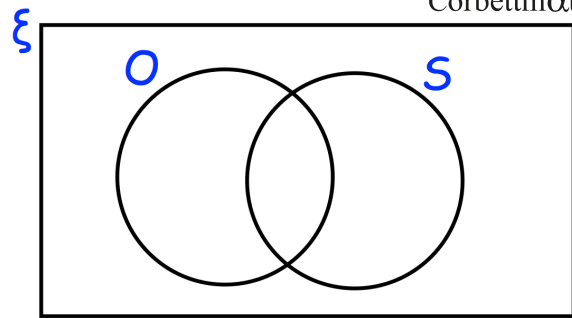
Corbettmaths

$$\xi = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13\}$$

O = odd numbers

S = square numbers

Complete the venn diagram



Write down $P(O \cup S)$

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y is directly proportional to the square of x .

When $y = 45$, $x = 3$.

Find the value of y when $x = 6$.

The price of a computer is reduced by 40%.

A week later it is reduced by another 10%.

Rosie says that the computer has been reduced by 50% in total.

Is Rosie right?
Explain your answer.

Find x

