



Write down the exact value of $\sin 30^\circ$

Solve the simultaneous equations

$$6x + y = 18$$

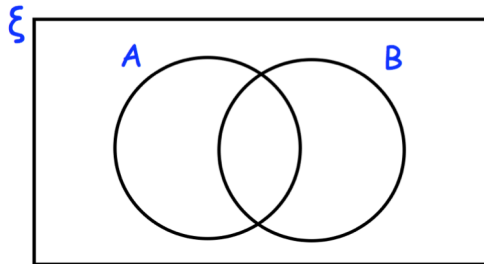
$$4x + y = 14$$

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

$A = \{\text{prime numbers}\}$

$B = \{\text{numbers greater than 5}\}$

Draw a Venn diagram for this information.



Calculate the pressure if the area is 10cm^2 and the force is 420N

The ratio of the size of the exterior angle to the size of the interior angle of a regular polygon is $1 : 7$

Work out how many sides the polygon has.