WE DO

ABC is a straight line.

The length of *BC* is three times the length of *AB*.

AC = 80 metres.
Work out the length *BC*.

YOU DO

ABC is a straight line.

The length of *BC* is four times the length of *AB*.

BC = 100 metres.
Work out the length *AC*.

WE DO

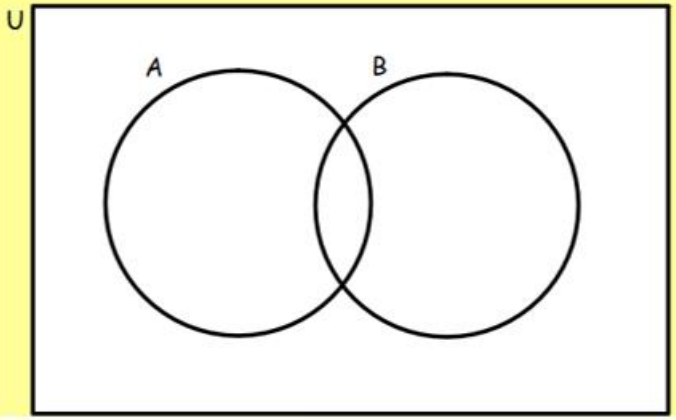
Make y the subject of the formulae b= 2y -5

YOU DO

Make g the subject of the formulae d= 3g + 2

WE DO

Place the numbers 1-10 in a venn diagram
Set A will contain even numbers
Set B will contain multiples of 3

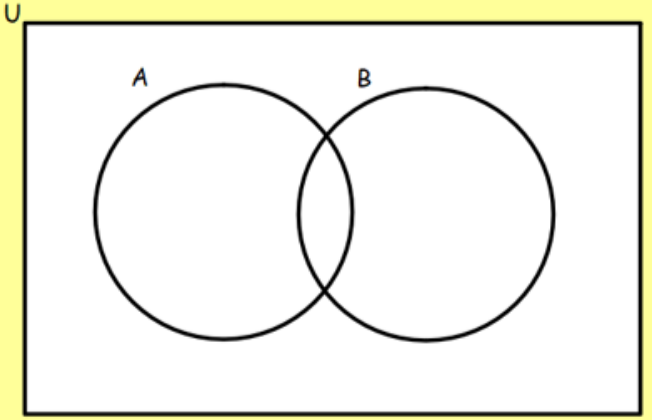


Find P(AUB)

Find P(A∩B)

YOU DO

Place the numbers 1-12 in a venn diagram
Set A will contain multiples of 4
Set B will contain factors of 12



1) Find the P(AUB)?

2) Find the P(A∩B)?

WE DO

$$5a+3b=41$$

$$4a+3b=37$$

YOU DO

$$7x-2y=22$$

$$5x-2y=14$$

WE DO

A delivery company has a total of 160 cars and vans.

the number of cars : the number of vans = 3 : 7

Each car and each van uses electricity or diesel or petrol.

$\frac{1}{8}$ of the cars use electricity.
25% of the cars use diesel.
The rest of the cars use petrol.

Work out the number of cars that use petrol.
You must show all your working.

YOU DO

A delivery company has a total of 240 cars and vans.

the number of cars : the number of vans = 7 : 3

Each car and each van uses electricity or diesel or petrol.

$\frac{3}{8}$ of the vans use electricity.

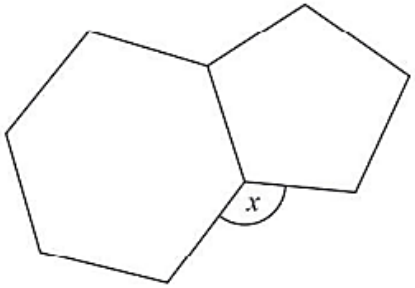
25% of the vans use diesel.

The rest of the vans use petrol.

Work out the number of vans that use petrol.
You must show all your working.

WE DO

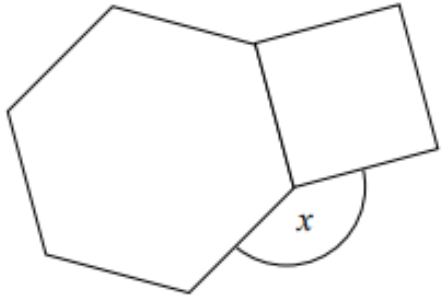
Here is a regular hexagon and a regular pentagon.



Work out the size of the angle marked x.
You must show all your working.

YOU DO

Here is a regular hexagon and a square.



Work out the size of the angle marked x.
You must show all your working.