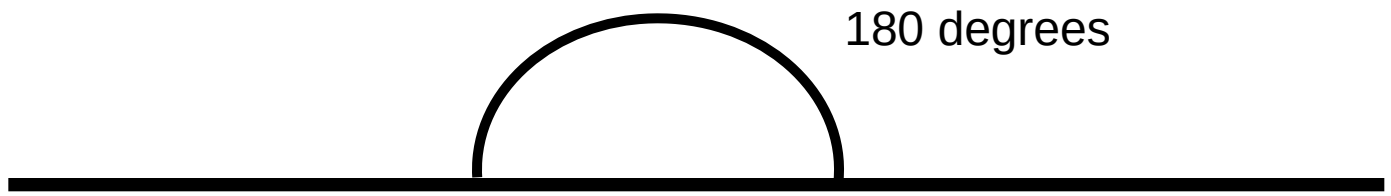
WALT: work out angles on a straight line



Starter – adding and subtracting

- 6 + 4 =
- 60 + 40 =
- 600 + 400 =

- 9 + 3 =
- 90 + 30 =
- 900 +300 =

- 9 - 4 =
- 90 - 40 =
- 900 - 400 =

- 8 - 3 =
- 80 - 30 =
- 800 - 300 =

Starter – adding and subtracting

- 6 + 4 = 10
- 60 + 40 = 100
- 600 + 400 = 1000

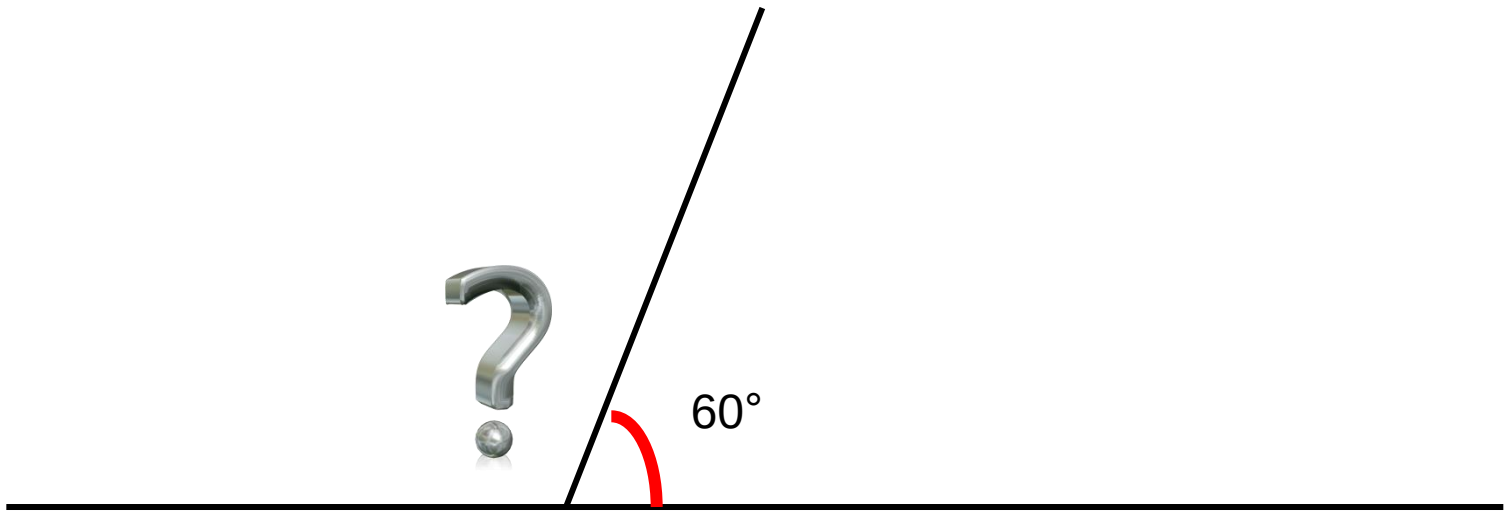
- 9 - 4 = 5
- 90 - 40 = 50
- 900 - 400 = 500

- 9 + 3 = 12
- 90 + 30 = 120
- 900 +300 = 1200

- 8 - 3 = 5
- 80 - 30 = 50
- 800 - 300 = 500

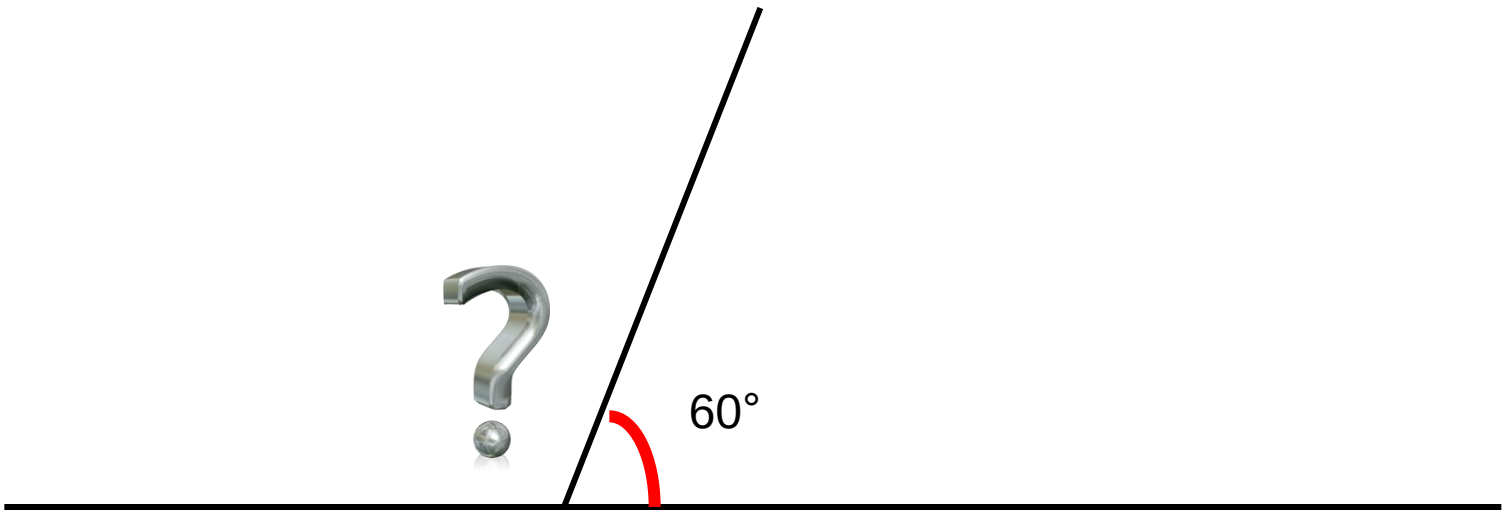
Calculate the missing angle.

$180^o - 60^o =$



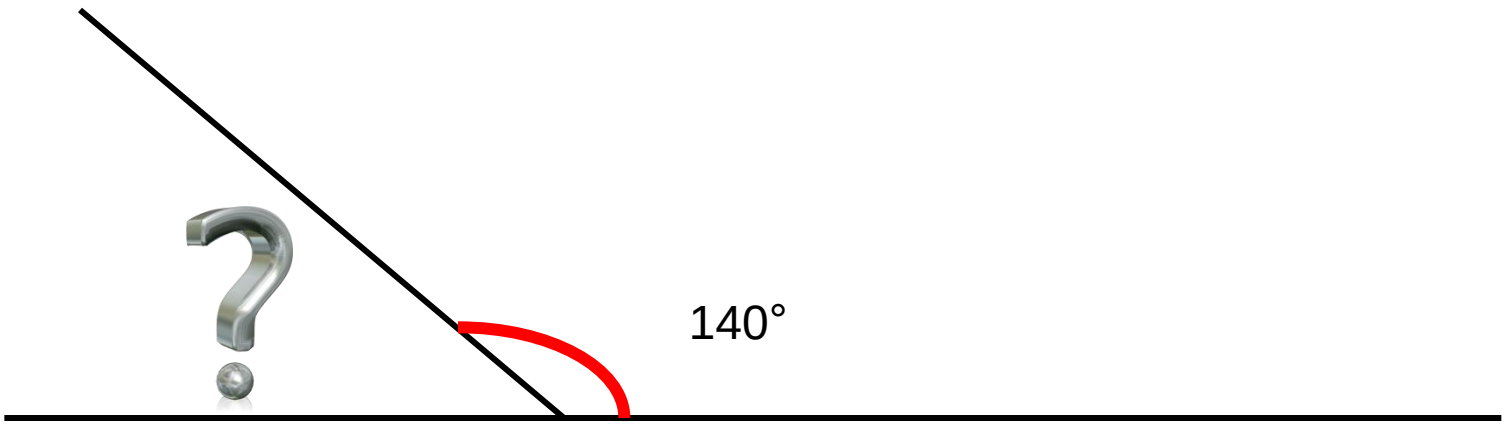
Calculate the missing angle.

$180^o - 60^o = 120^o$



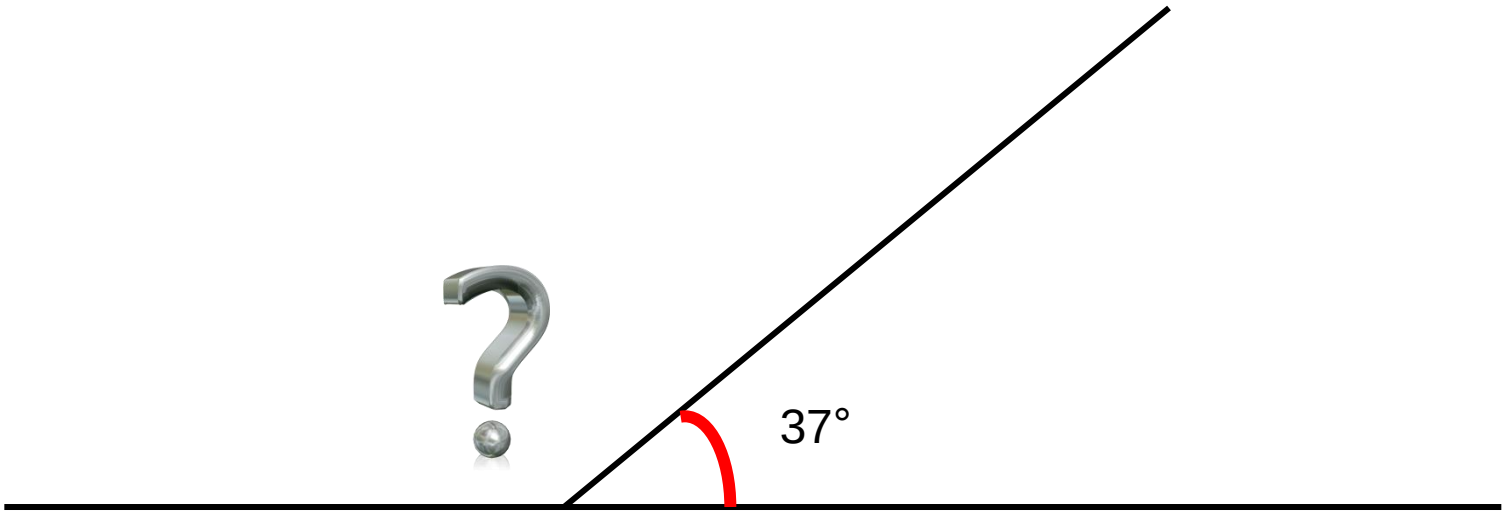
Calculate the missing angle.

$180^o - 140^o =$



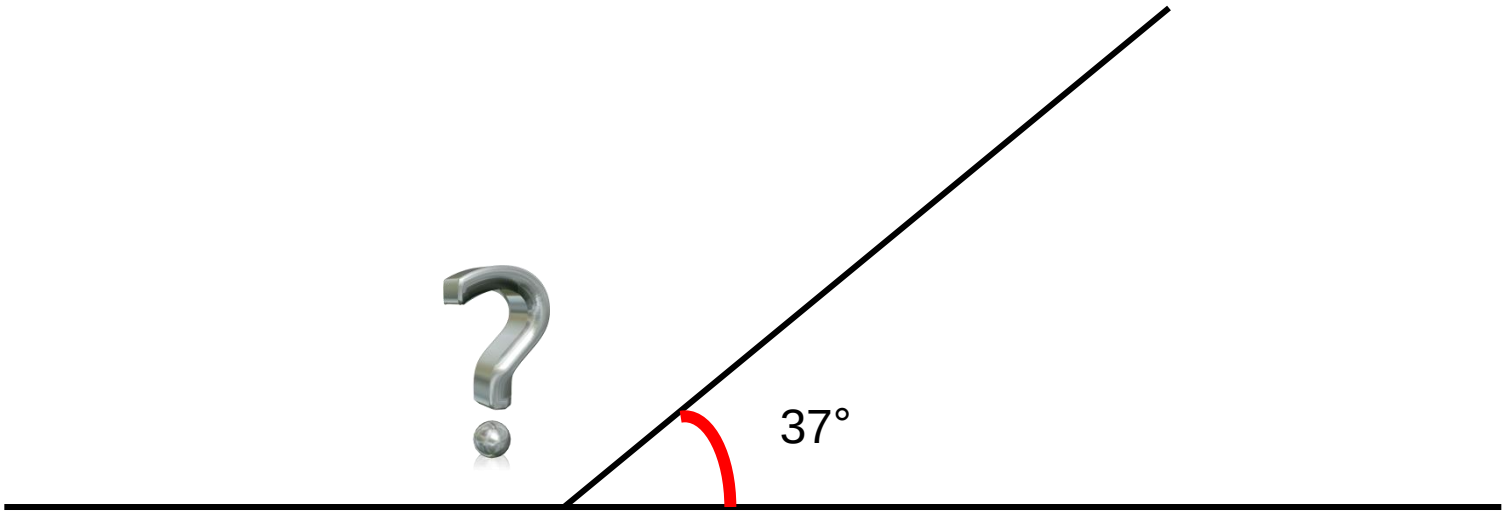
Calculate the missing angle.

$180^o - 37^o =$



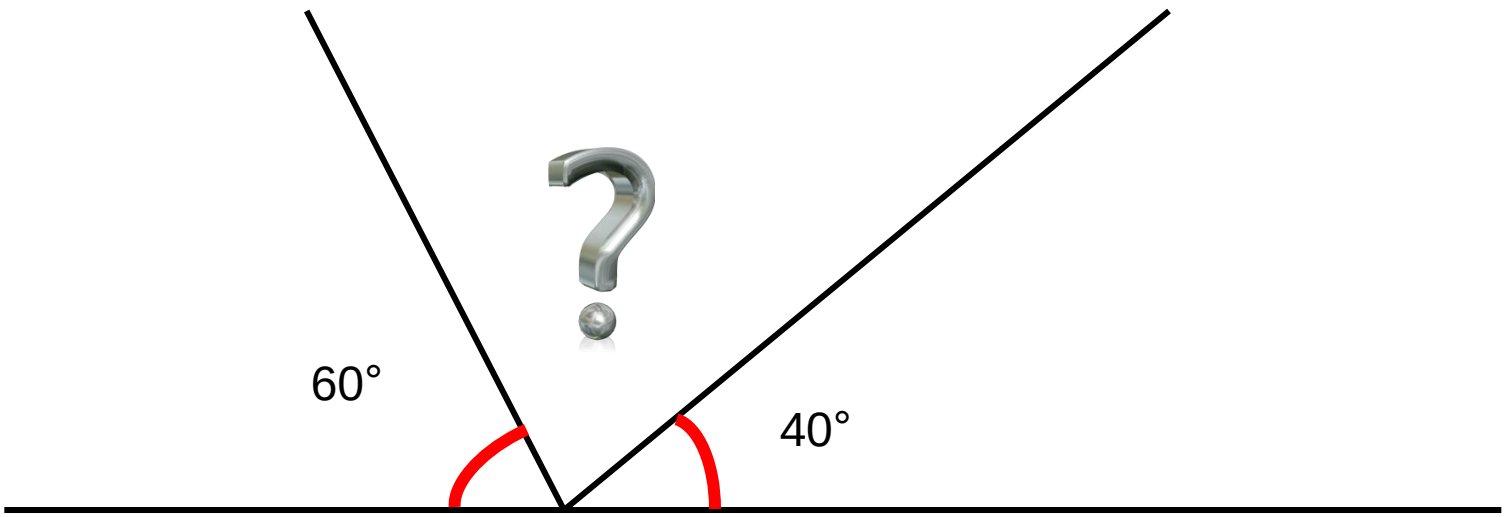
Calculate the missing angle.

$180^o - 37^o = 143^o$



Calculate the missing angle.

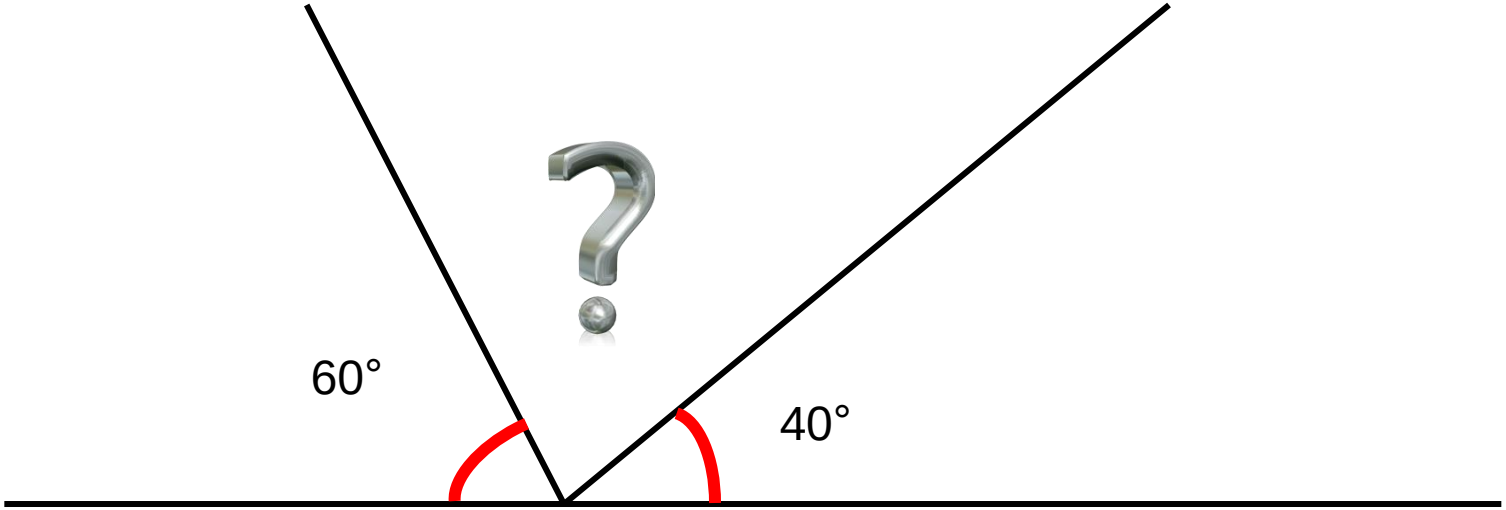
$180^{o} - (60 + 40) =$



Calculate the missing angle.

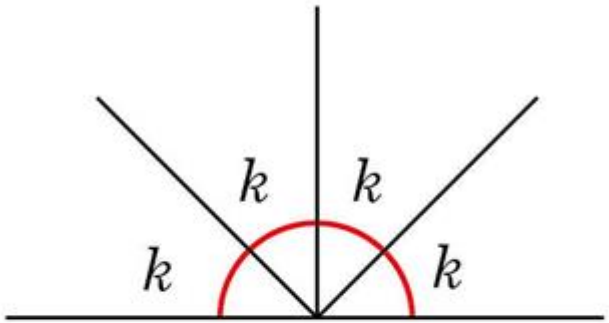
180^o - (60 + 40) =

180 – 100 = 80^o



Calculate the missing angle.

a)



$k =$ ☐ °

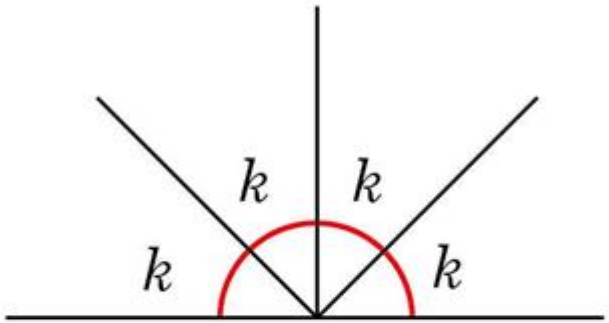
When the letter is the same it shows that the angles are all the same size.
There are 4 lots of *k* so:

180 ÷ 4 =

K = degrees

Calculate the missing angle.

a)



$k =$ ☐ °

When the letter is the same it shows that the angles are all the same size.
There are 4 lots of *k* so:

180 ÷ 4 = 45

K = 45 degrees

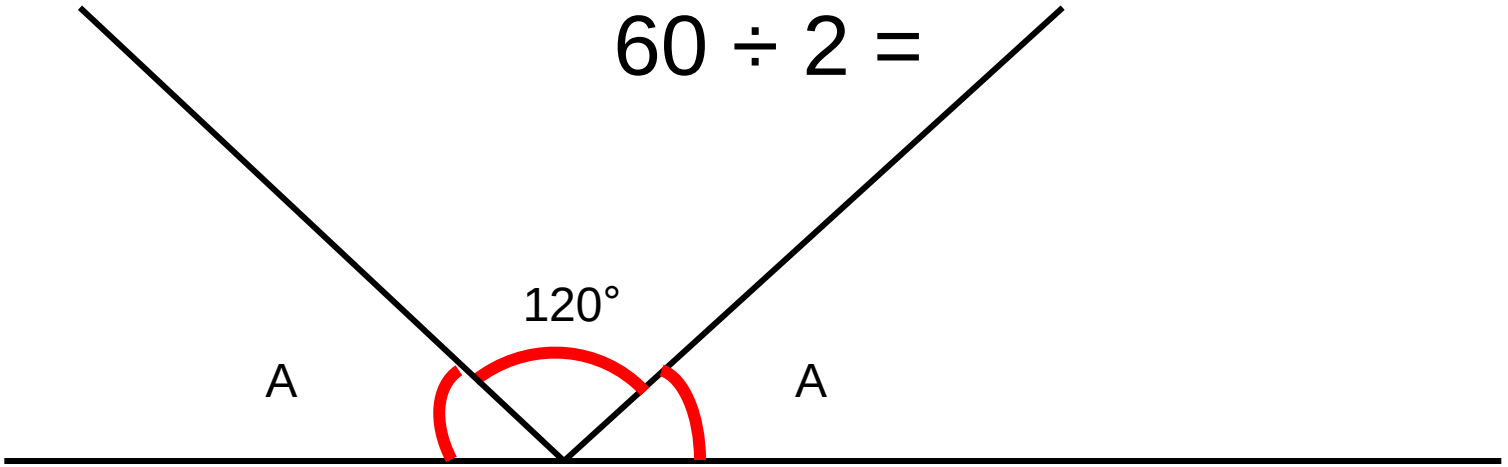
Calculate the missing angle.

A = 

180 – 120 = 60

(there are 2 lots of a which together make 60)

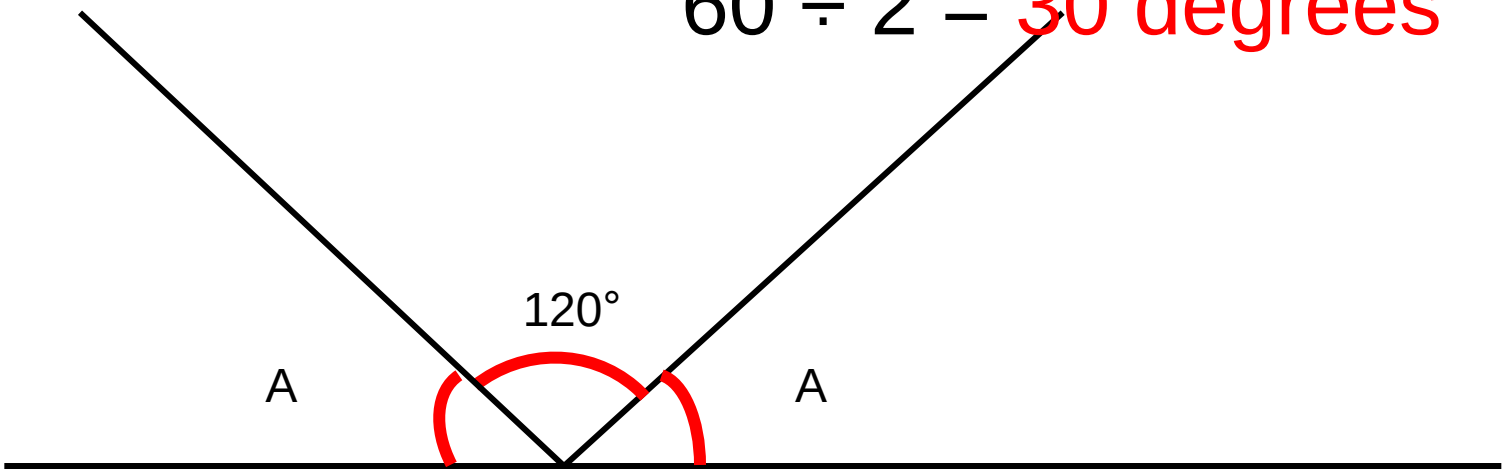
60 ÷ 2 =



Calculate the missing angle.

A = 

180 – 120 = 60
(there are 2 lots of a which together make 60)
60 ÷ 2 = 30 degrees



WALT: work out angles on a straight line

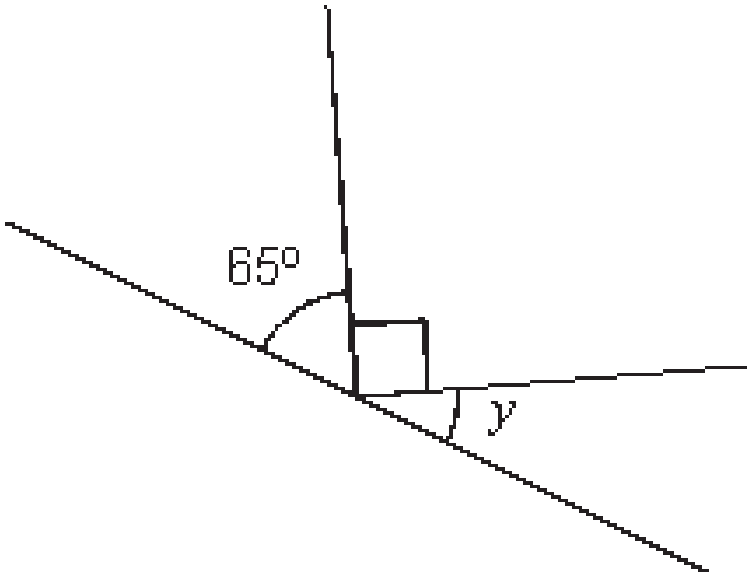
WILF:

- **Neat drawing of angles using a ruler**
- **Accurate addition and subtraction skills**

Plenary

(L5)

Calculate the size of angle ***y*** in this diagram. Do **not** use a protractor. How many degres is a right angle worth?



Plenary

(L5)

Calculate the size of angle ***X*** in this diagram. Do **not** use a protractor