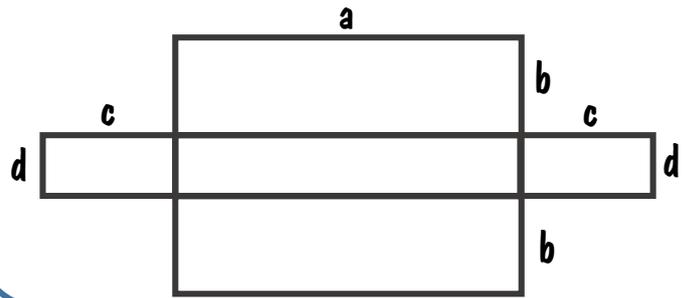Four numbers have a median of 11, a mean Of 11 and a range of 14. What could they be?

Shade an area represented by: (ad + cd)

IN A COMPANY, THE RATIO OF THE NUMBER OF MEN TO THE NUMBER OF WOMEN IS 3 : 2
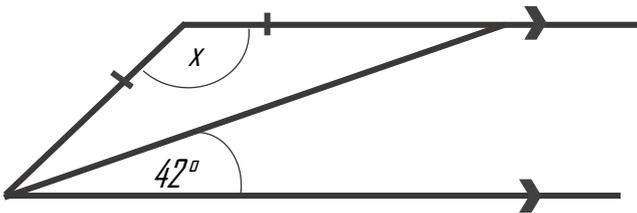
40% OF THE MEN ARE UNDER THE AGE OF 25

IF THERE ARE 100 WORKERS, HOW MANY MEN IN THE COMPANY ARE UNDER THE AGE OF 25?

Write the number of left handed girls to right handed boys as a ratio in its simplest form.

	Boys	Girls
Left	9	18
Right	30	20

AB and CD are parallel. Work out the size of angle x.

$42°$
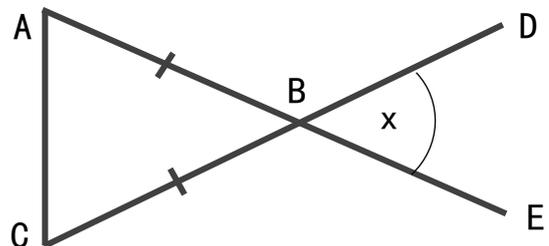

Expand:

a) (2a + 2)(3a - 3)

Factorise:

b) x^2 - 9x + 18

There are only red pens and green pens in a box. The ratio of the number of red pens in the box to the number of green pens in the box is 3 : 5

What percentage of the pens are green?

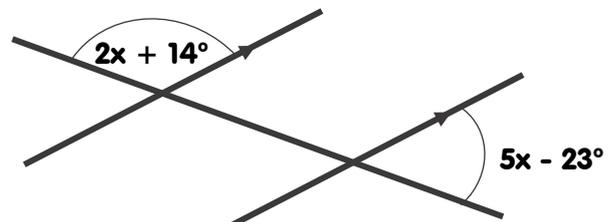The angles in triangle ABC are in the ratio 4:4:1. Find Angle x.

A pancake recipe is made by mixing eggs, flour and milk in the ratio- 1:6:3

What fraction is eggs?

$$\frac{1}{3} \qquad \frac{1}{10} \qquad \frac{1}{6} \qquad \frac{1}{9}$$

Three straight lines are shown. Work out the value of x

$2x + 14°$

$5x - 23°$

Top Ten Topics

Four numbers have a median of 11, a mean Of 11 and a range of 14. What could they be?

Shade an area represented by: (ad + cd)

a

b

c   c

d   d

b

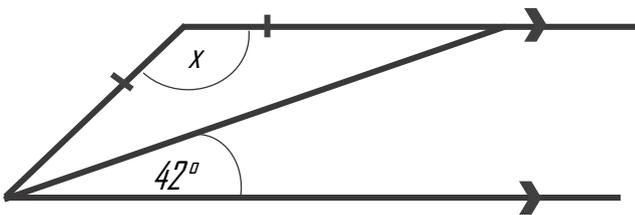IN A COMPANY, THE RATIO OF THE NUMBER OF MEN TO THE NUMBER OF WOMEN IS 3 : 2

40% OF THE MEN ARE UNDER THE AGE OF 25

WHAT PERCENTAGE OF MEN IN THE COMPANY ARE UNDER THE AGE OF 25?

Write the number of left handed girls to right handed boys as a ratio in its simplest form.

	Boys	Girls
Left	9	18
Right	30	20

AB and CD are parallel. Work out the size of angle x.

x

$42°$
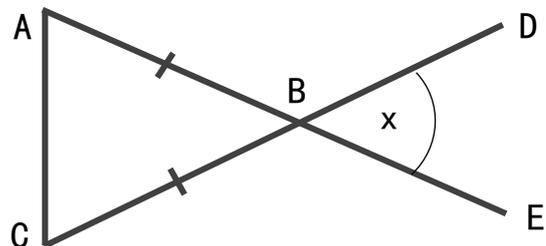

Expand:

a) (2a + 2)(3a - 3)

Factorise:

b) $x^2 - 9x + 18$

There are only red pens and green pens in a box. The ratio of the number of red pens in the box to the number of green pens in the box is 3 : 5

What percentage of the pens are green?

The angles in triangle ABC are in the ratio 4:4:1. Find Angle x.

A   D

B

x

C   E

A pancake recipe is made by mixing eggs, flour and milk in the ratio- 1:6:3

What fraction is eggs?

$\dfrac{1}{3}$ $\dfrac{1}{10}$ $\dfrac{1}{6}$ $\dfrac{1}{9}$

Three straight lines are shown. Work out the value of x

$2x + 14°$

$5x - 23°$