

Four numbers have a median of 6, a mean of 6 and a range of 6. What could they be?

Shade an area represented by the expression:  $2cd$



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

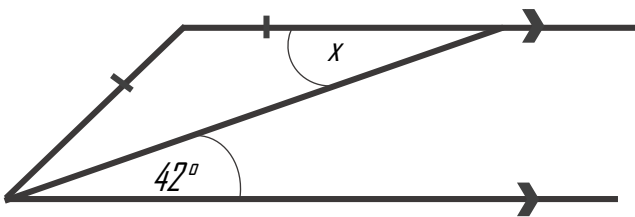
10% OF THE WOMEN ARE UNDER THE AGE OF 25

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

Write the number of left handed boys as a percentage of the total students.

	Boys	Girls
Left	9	5
Right	16	20

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



**Expand:**

a)  $(2x - 3)(2x - 5)$

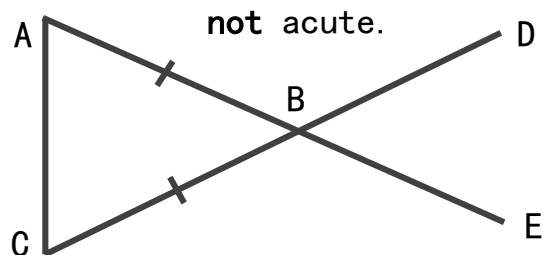
**Factorise:**

b)  $x^2 - 4x - 21$

There are only black pens and green pens in a box. The ratio of the number of black pens in the box to the number of green pens in the box is 3 : 2

What percentage of the pens are black?

The angles in triangle ABC are in the ratio 2:2:6. Prove that angle ABC is not acute.

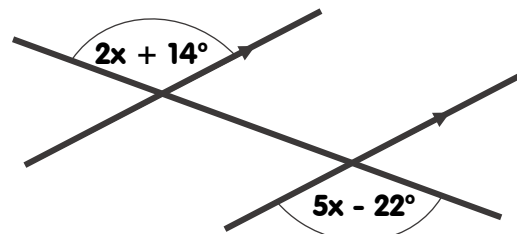


**A drink is mixed in the ratio raspberry : orange : sugar syrup = 2:5:3**

**What fraction is orange?**

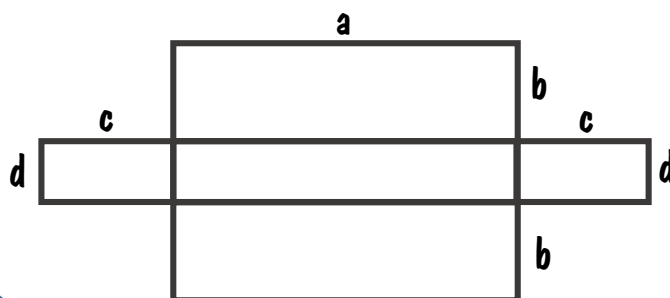
$\frac{2}{10}$        $\frac{1}{2}$        $\frac{3}{10}$        $\frac{5}{9}$

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



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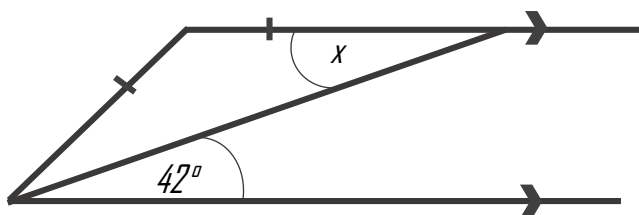
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WHAT PERCENTAGE OF WOMEN IN THE COMPANY ARE UNDER THE AGE OF 25?

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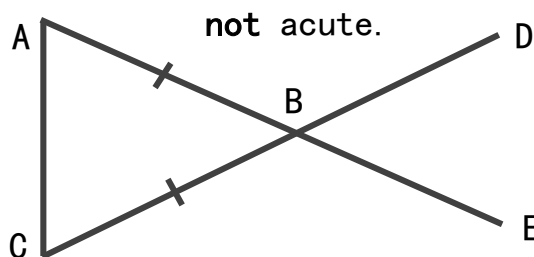
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