

Four numbers have a median of 6, a mean of 6 and a range of 7. The numbers are not integers. What could they be?

IN A COMPANY, THE RATIO OF THE NUMBER OF MEN TO THE NUMBER OF WOMEN IS 3 : 7

20% OF THE WOMEN ARE UNDER THE AGE OF 30  
60% OF THE MEN ARE UNDER THE AGE OF 30

WHAT PERCENTAGE OF PEOPLE IN THE COMPANY ARE UNDER THE AGE OF 30?

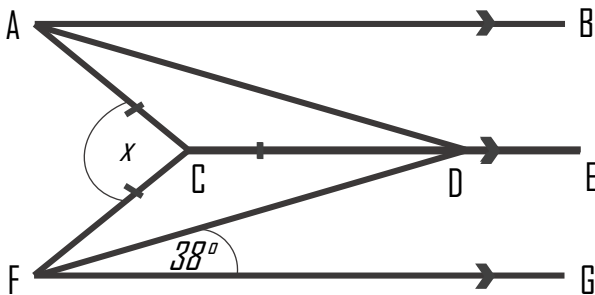
Shade an approximate area for:  $\frac{1}{2}(ab + cd)$



Write the number of right handed boys as a fraction of the total students in its simplest form.

	Boys	Girls
Left	11	29
Right	21	26

AB, CDE and FG are parallel. Work out the size of angle  $x$ .



There are orange, yellow and blue sweets in a box. The ratio of the number of orange, yellow and blue sweets in the box is 7 : 3 : 5

What percentage of the sweets are yellow?

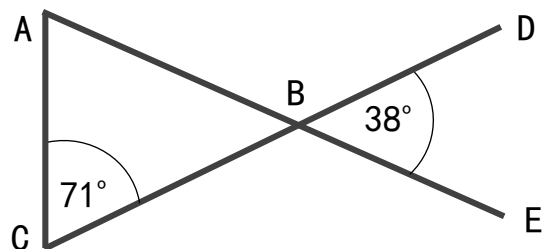
Expand:

a)  $(2a - 4)(3a - 5)$

Factorise:

b)  $x^2 - 9$

Prove that triangle ABC is an isosceles triangle.

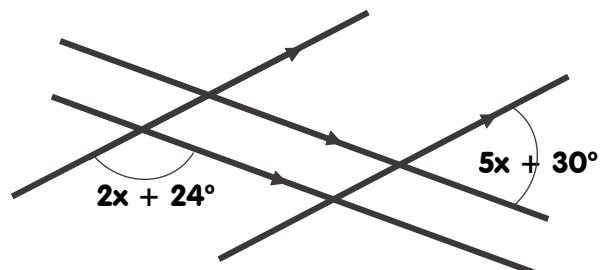


A smoothie recipe is made by mixing mango, berries and kale in the ratio-  
4:2:3

What fraction is not equivalent to kale?

$\frac{2}{6}$        $\frac{3}{9}$        $\frac{4}{16}$        $\frac{1}{3}$

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



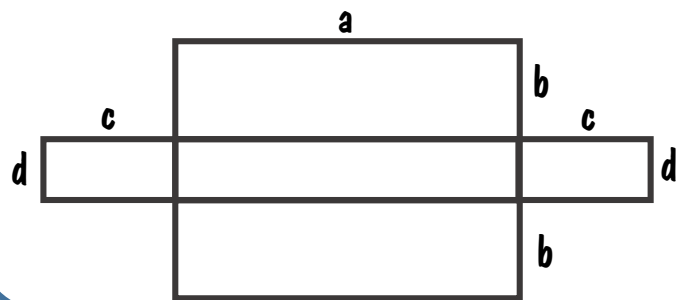
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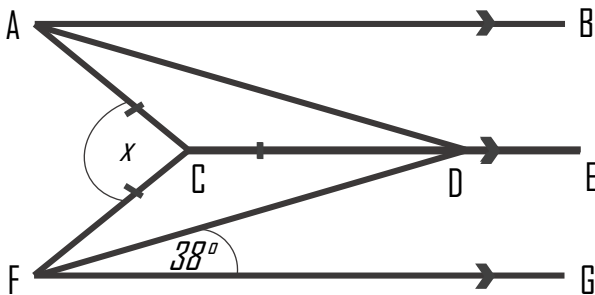
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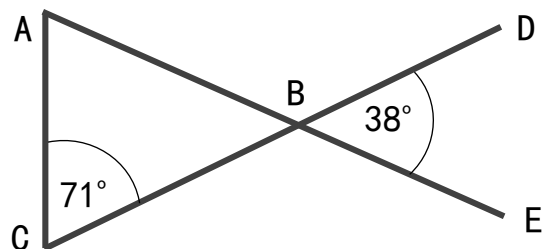
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