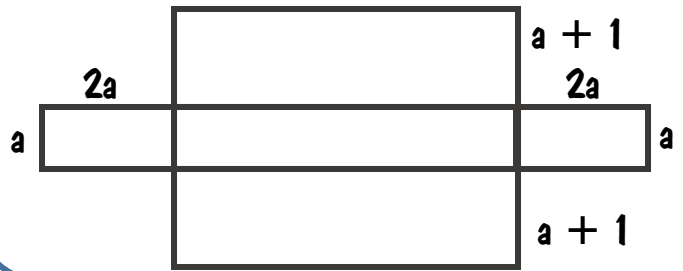


Four numbers have a median of 4, a mean of 5 and a range of 9. The numbers are not integers. What could they be?

Shade an area represented by: $a^2 + 3a + 2$
 $a + 2$



IN A COMPANY, THE RATIO OF THE NUMBER OF MEN TO THE NUMBER OF WOMEN IS 13 : 7

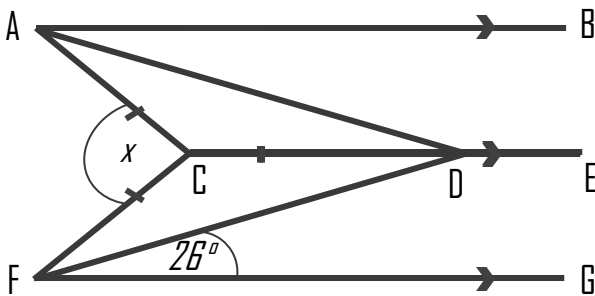
40% OF THE WOMEN ARE OVER THE AGE OF 30
 60% OF THE MEN ARE UNDER THE AGE OF 30

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

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

	Boys	Girls
Left	27	63
Right	59	18

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



Expand:

a) $(2a + 1)(3a - 1)$

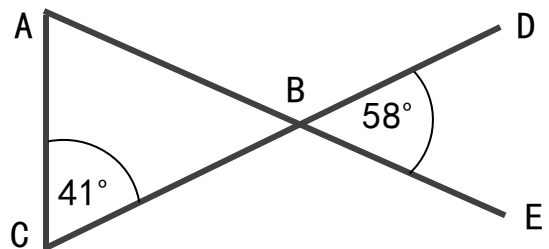
Factorise:

b) $x^2 - 25$

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 : 5 : 4

What percentage of the sweets are blue?

Prove that triangle ABC is not an isosceles triangle.

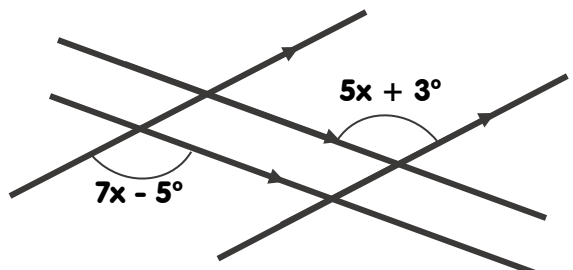


A smoothie recipe is made by mixing ice, orange and beetroot in the ratio- 2:5:1

What fraction is not equivalent to ice?

- $\frac{3}{12}$ $\frac{5}{20}$ $\frac{6}{18}$ $\frac{1}{4}$

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



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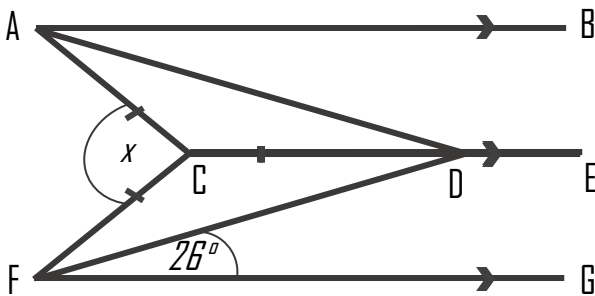
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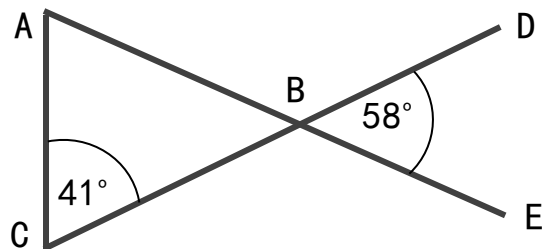
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