**Expand:**

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

**Factorise:**

**b) $2x^2 - 25$**

IN A COMPANY, THE RATIO OF THE NUMBER OF MEN TO THE NUMBER OF WOMEN IS 1 : 3

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

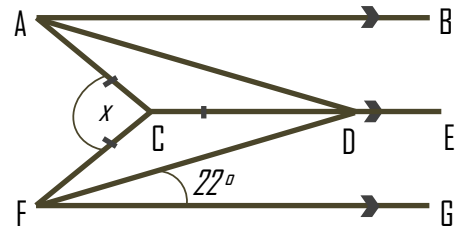
WHAT PERCENTAGE OF PEOPLE IN THE COMPANY ARE OVER THE AGE OF 30?

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

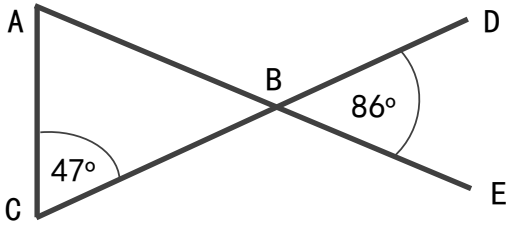
| | Boys | Girls |
|---|---|---|
| Left | 24 | 33 |
| Right | 41 | 40 |

Four numbers have a median of 4, a mean of 4 and a range of 3. The numbers are not integers. What could they be?

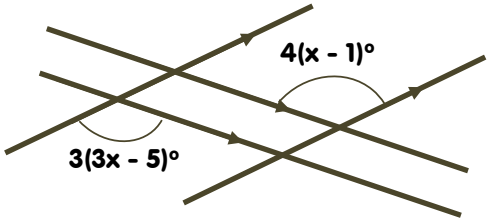
AB, CDE and FG are parallel. Work out the size of angle *x*.




ABE and CBD are straight lines. Prove that ABC in an isosceles triangle.




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




**There are orange, yellow and blue sweets in a box. The ratio is 2 : 5 : 4**

**What is the probability of picking two blue sweets one after another?**

Teacher Feedback

WWW:

Target:

Date:

R A G