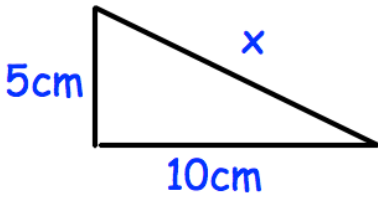


17th February



Corbettmaths



Shown is a right angled triangle.

Find x .
Give your answer as a simplified surd.

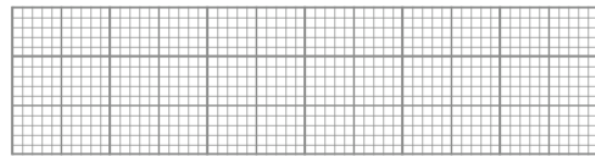
The equation of a straight line is $5x + 2y = 7$

Work out the gradient of the line.

Work out the coordinates of the point where the line crosses the x-axis.

The ages of 15 rugby players are:

- 23 26 28 29 30
- 19 20 25 22 23
- 31 33 19 27 26

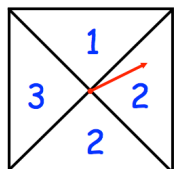


Draw a box plot to show this information

In an experiment, the number of cells halves every week.

At the beginning of the experiment there are 5.2×10^9

How many cells are there after five weeks?



A fair spinner has four sections.
The spinner is spun two times.
The two numbers are multiplied together to give a score.

Find the probability the score is even.