

ASSIGNMENT 18

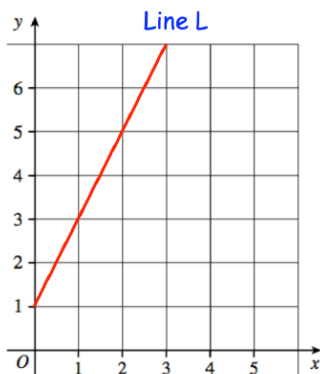
Write down **an** equation of a line parallel to $y = 2x - 3$

Find the 'y-intercept value' (ie when $x=0$)

A line has equation $y = 3x + 4$

Write down the gradient of the line

Write down the y-intercept of the line

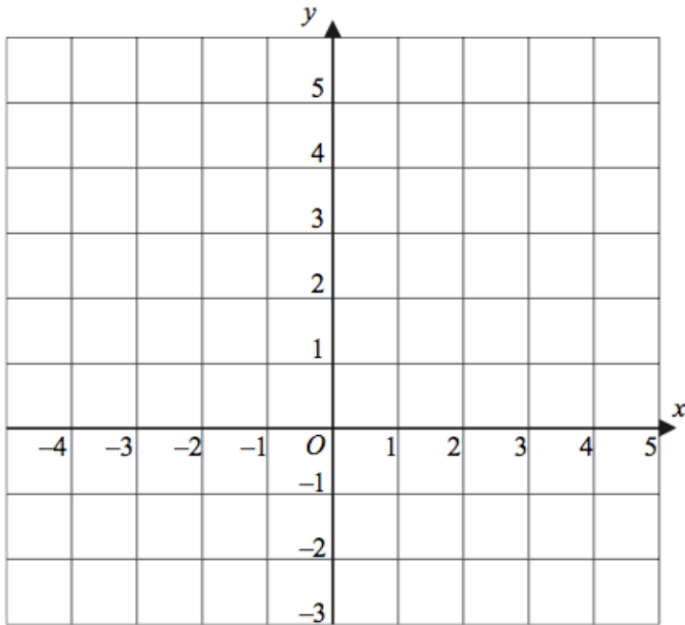


Work out the gradient of line L

Write down the equation of the line that is parallel to $y = 6x + 1$ and passes through $(0, 8)$.

Calculate the gradient of the straight line passing through (0, 2) and (3, 11).

Write down the equation of the line.



Draw $x + y = 3$ and draw $y = x + 1$.

Write down the coordinates of where the two graphs intersect.

Sketch $y = 3x^2 + 2$



Show y intercept

(,)

Aims of this session: Review your abilities in each of these areas, Green (feel confident..G), Amber (need to work more on..A), Red (Feel weaker at this..R)

1. Identify position in 2D space using two coordinates
2. Set up and use a number machine
3. Draw a straight line using $y = mx + c$ on a 2D Cartesian coordinate grid
4. Identify, draw and reposition lines on a coordinate system
5. Plot curved lines in the form $y = mx^2 + c$

G	A	R
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2(x,)

MOSTLY GREEN

MOSTLY ORANGE

MOSTLY RED