

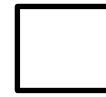
Objective: To identify equation of straight line from graphs and coordinates



Met

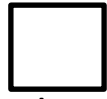


Partially
Met



Not Met

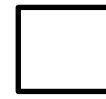
Work on the
following sections:



Column 1



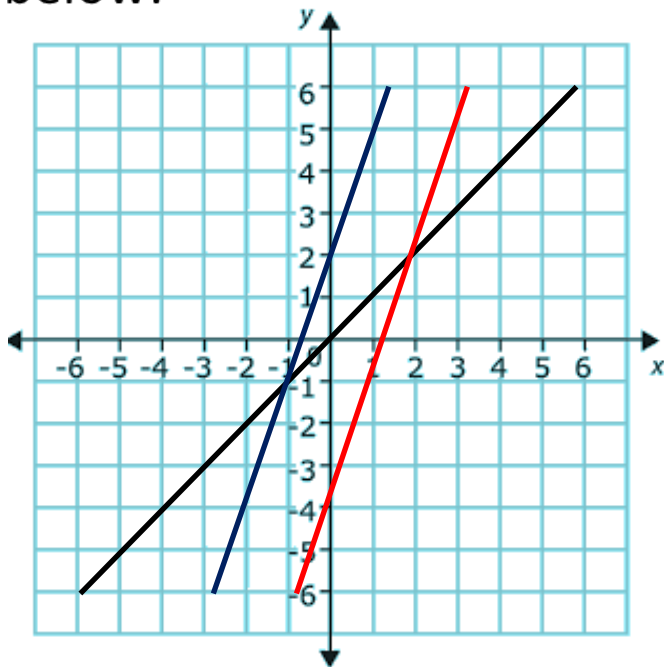
Column 2



Extension

Column 1

Write the equation of the lines below:



Column 2

State the equation of the straight lines below:

- A gradient of 3, passing through the y-axis at (0,4)
- A gradient of 7, passing through the y-axis at (0,-1)
- A gradient of 1, passing through the y-axis at (0,6)
- A gradient of -2, passing through the y-axis at (0,-3)

State the gradient of the straight lines below:

- $y = 3x - 1$
- $y = 8 - 2x$
- $y = x + 4$
- $y = 5 - 3x$

What are the equation of the lines that pass through the coordinates:

- (1,4) and (2,7)
- (3,3) and (5,7)
- (-2,1) and (-1,6)

Extension:

Write down 3 equations of lines that are parallel to the line $y = 2x + 1$ (drawing a diagram may help)