

# STRAIGHT LINES:

## Sketching Graphs: Dual-intercept method

 **9033** Watch video and complete examples

Lesson Notes and Examples:

**Example 1**

$$y = 2x + 3$$

Sketch the following graphs using the dual-intercept method:

1)  $y = 3x - 1$

2)  $x + 2y = 4$

3)  $y = 3x + 5$

 Mark work and do corrections. [1-3]

4)  $y = -x + 5$

5)  $2x - y = 1$

6)  $2y + 3x = 2$

 Mark work and do corrections. [4-6]

7)  $2y - 3x = 6$

8)  $y = x - 3$

9)  $4y = 3x - 2$

 Mark work and do corrections. [7-9]

10)  $3y = 4x - 12$

11)  $x - y = 7$

12)  $3y - 2x = 9$

 Mark work and do corrections. [10-12]