

# Yr 11, 2 unit

Mathematics

Question

Worksheet – Topic 20

Name:

Date:

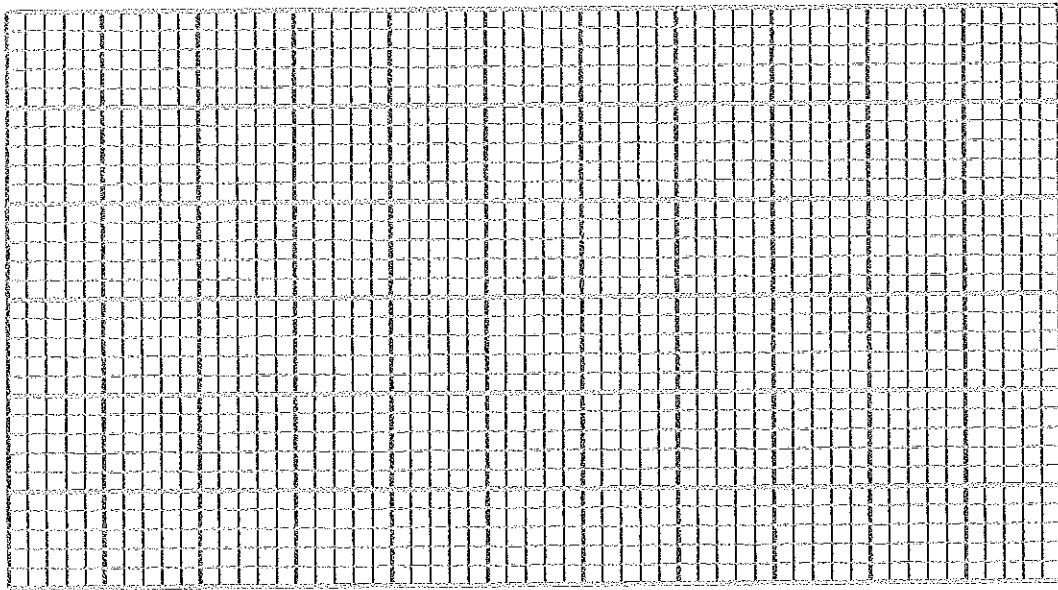
Topic:

## GRAPHING LINEAR FUNCTIONS

Using the graph paper below, graph the following lines by plotting points.

1.  $y = x + 3$

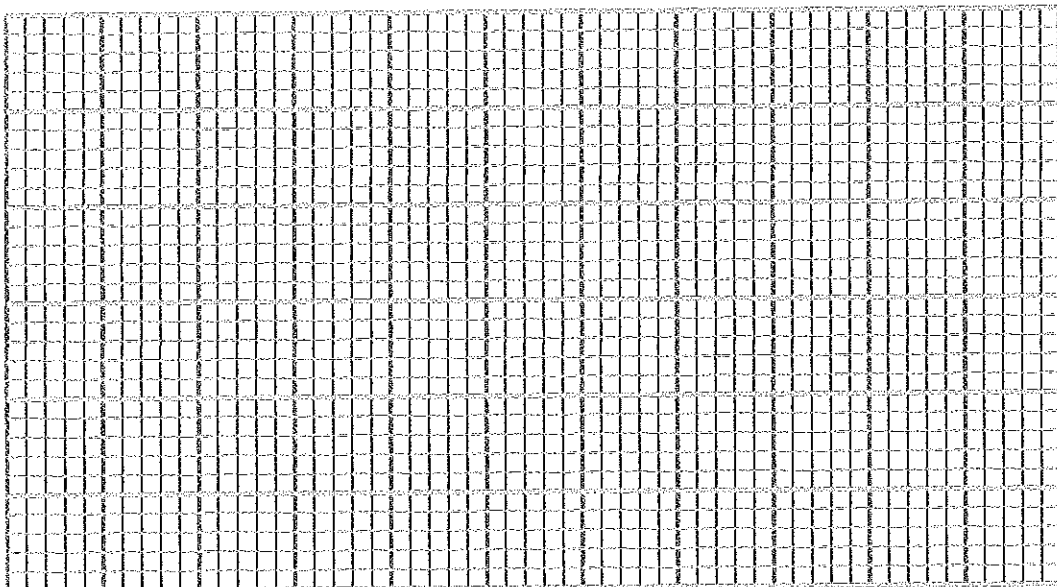
2.  $y = -2x + 3$



Use the method of plotting the y-intercept and the gradient to draw the following graphs.

3.  $y = 3x + 1$

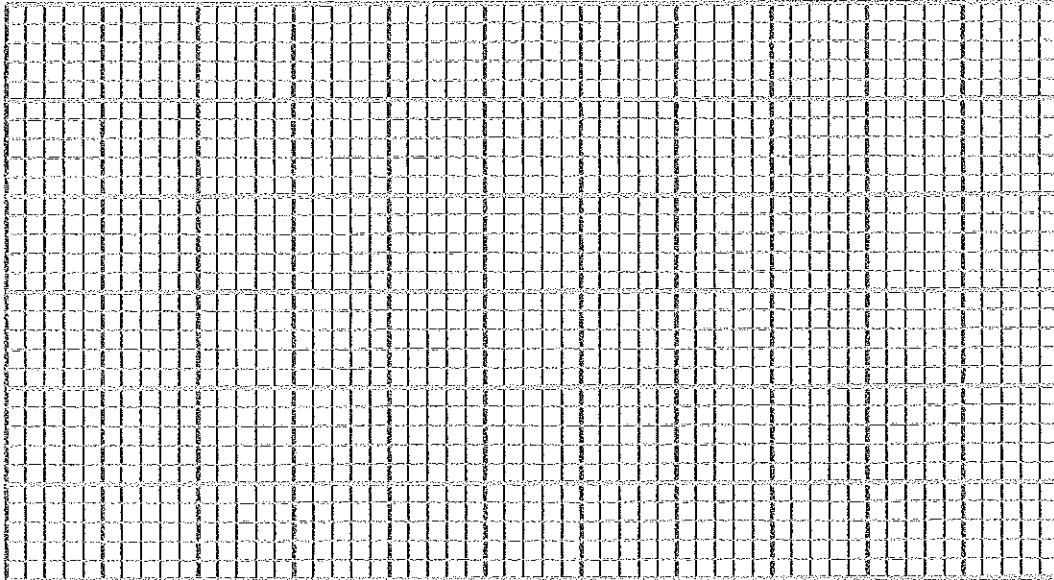
4.  $y = \frac{3}{2}x - 2$



Draw graphs of the following equations, clearly labelling the axes.

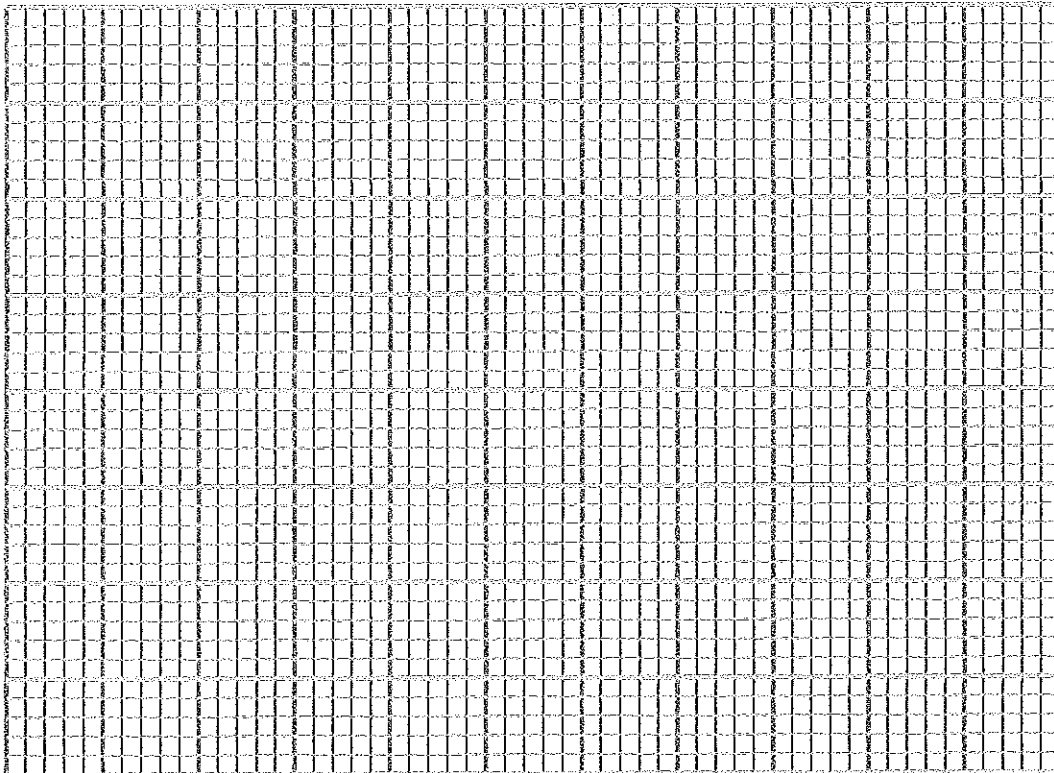
5.  $x + y = 4$

6.  $2x + y = 3$



7.  $4y = 3x - 4$

8.  $3x - 2y = 6$



Name:

Date:

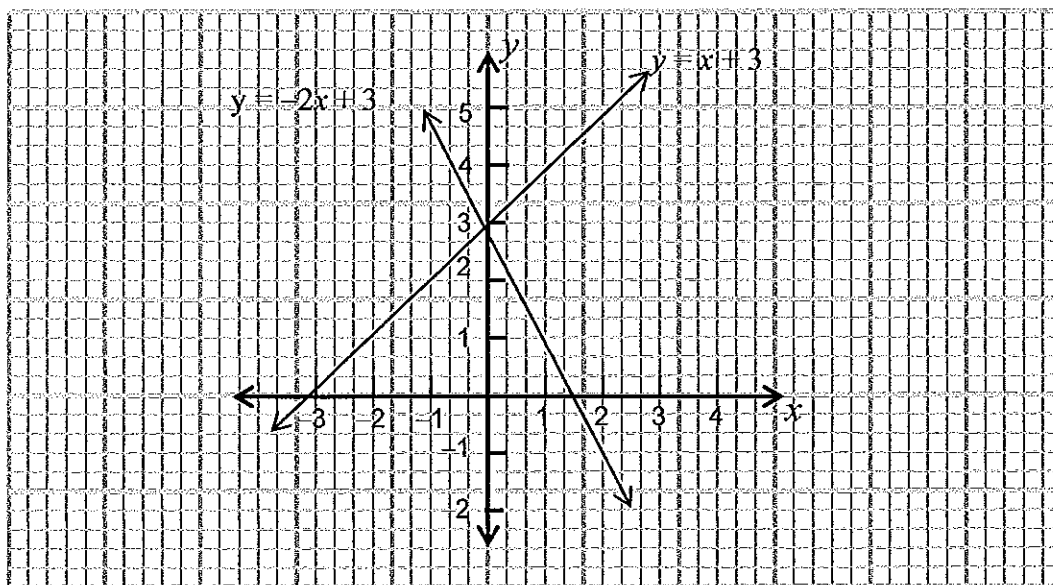
Topic:

**GRAPHING LINEAR FUNCTIONS**

Using the graph paper below, graph the following lines by plotting points.

1.  $y = x + 3$

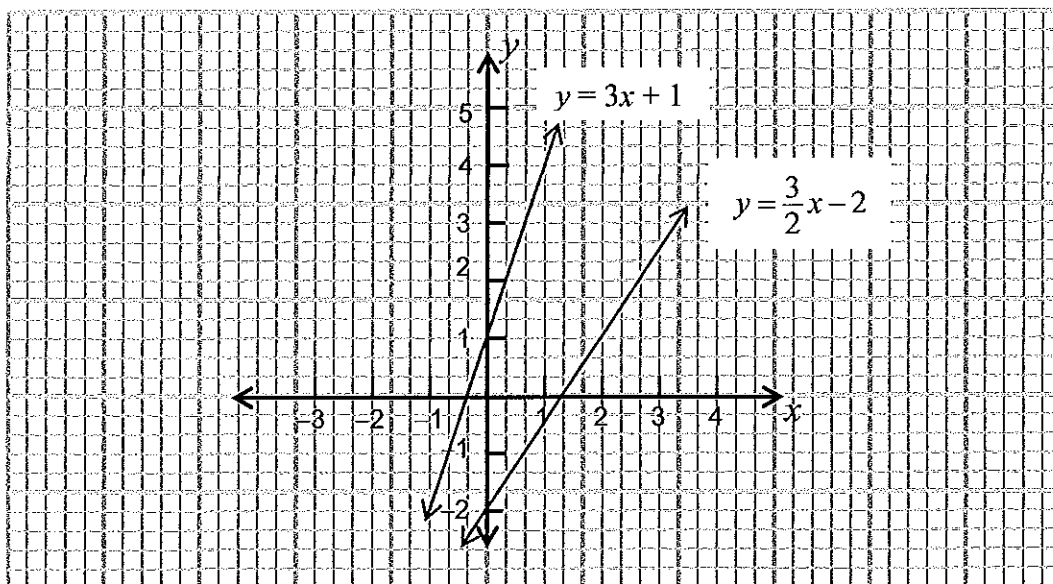
2.  $y = -2x + 3$



Use the method of plotting the y intercept and the gradient to draw the following graphs.

3.  $y = 3x + 1$

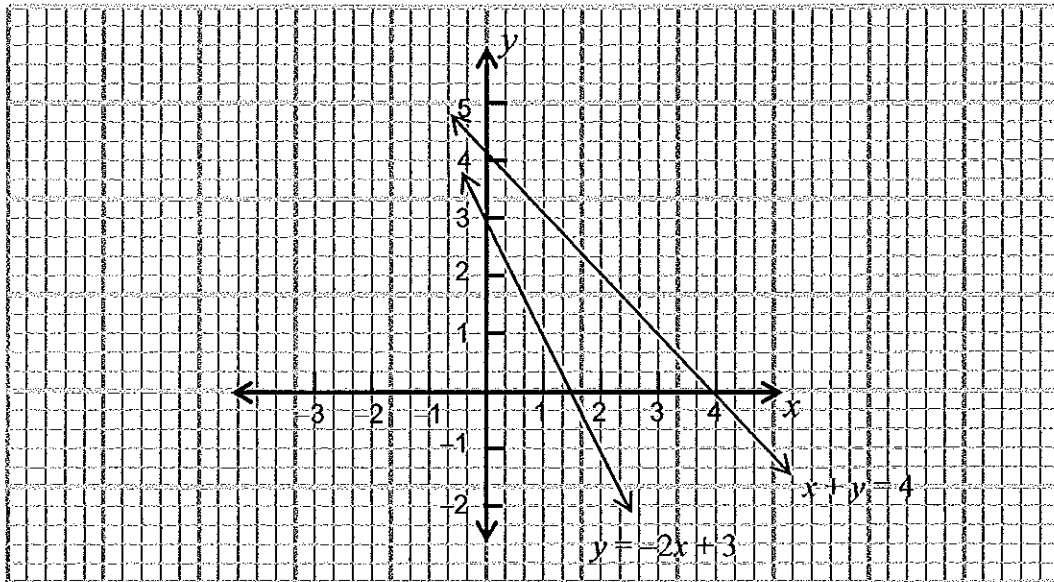
4.  $y = \frac{3}{2}x - 2$



Draw graphs of the following equations, clearly labelling the axes.

5.  $x + y = 4$

6.  $2x + y = 3$



7.  $4y = 3x - 4$

8.  $3x - 2y = 6$

