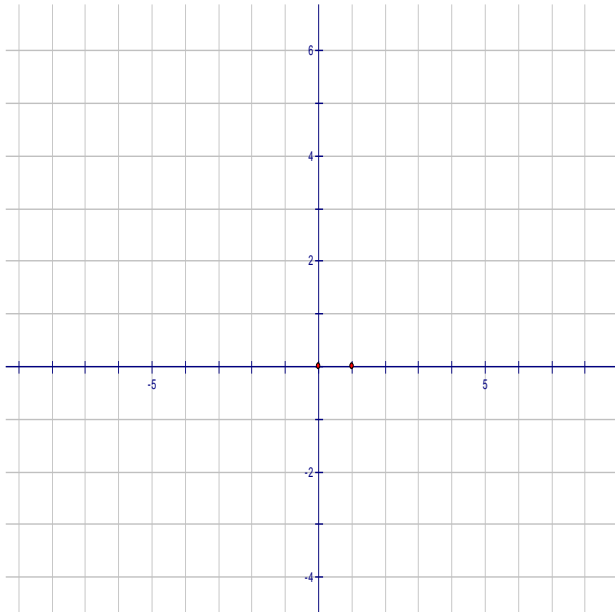


Name: _____

Due Date: Tuesday 9th June

1. Sketch the graphs of the following, using the gradient and y-intercept method:

a. $y = 3x + 1$ b. $y = -\frac{1}{2}x - 2$



c) Circle the point of intersection on the graph and write down the coordinates of this point.

(2+2+1)

2. Explain why the graphical method is not always accurate.

(2)

3. Find the point of intersection algebraically using the elimination method.

$$y = 2x + 4$$

$$y = -3x - 2$$

(2)

4. Use any method to sketch the following three graphs

$$4y - 2x - 8 = 0$$

$$y = \frac{1}{2}x$$

$$2y = x - 4$$

(6)