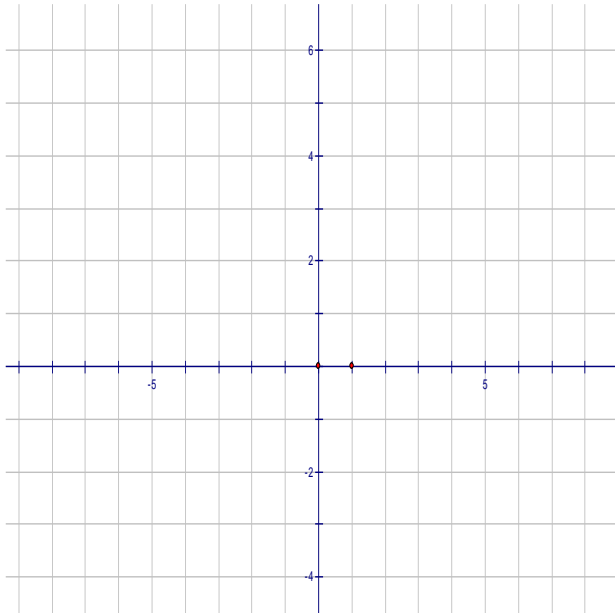


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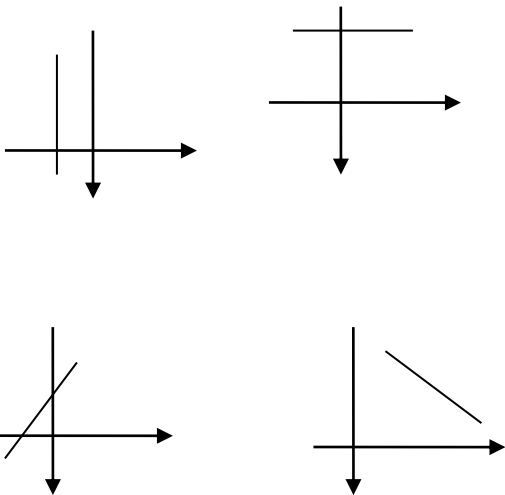
Due Date: _____

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

a. $y = 2x - 1$ b. $y = -x + 3$ c. $2y - x = 4$



2. State whether the following gradients are positive, negative, zero or undefined.



3. State the gradient and y-intercept of the following equations

a. $y = -7x + 4$

b. $-3 + 2x = y$

c. $y - 5x + 1 = 0$

4. Complete the tables by using the rule given

a) $y = 3x - 2$

x	-3	-2	-1	0	1	2	3
y							

b) $y = -2x + 5$

x	-3	-2	-1	0	1	2	3
y							

5. Draw the following points and then calculate the gradient of the lines joining them by using $\frac{\text{rise}}{\text{run}}$.

(3, 5) and (5, 9)

