

Name:

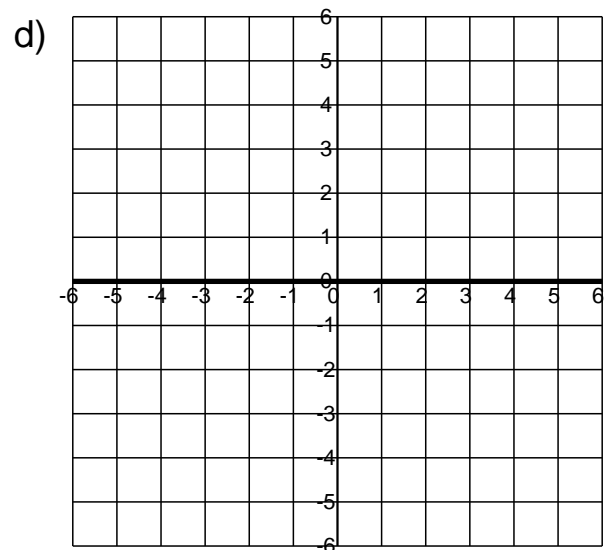
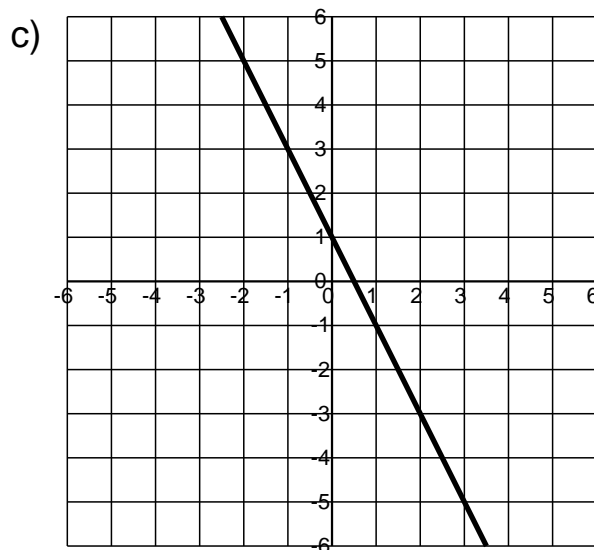
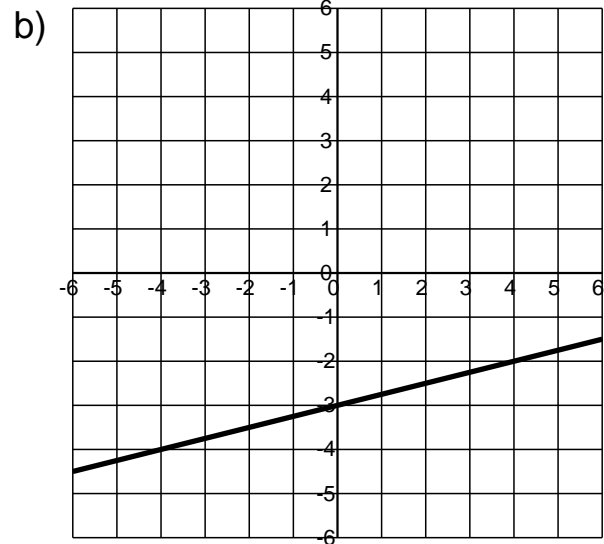
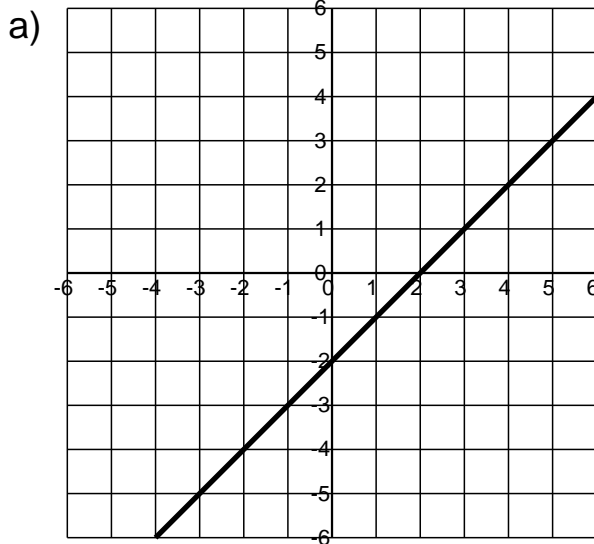
Class/Set:

Demo Graph Questions

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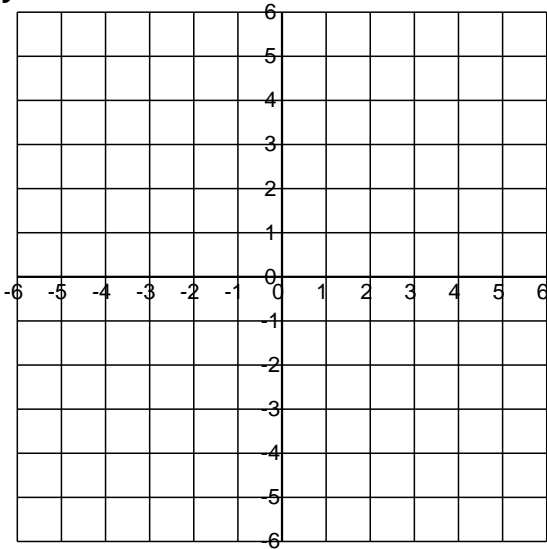
Please answer on this worksheet.

1: Give equations for the following graphs:

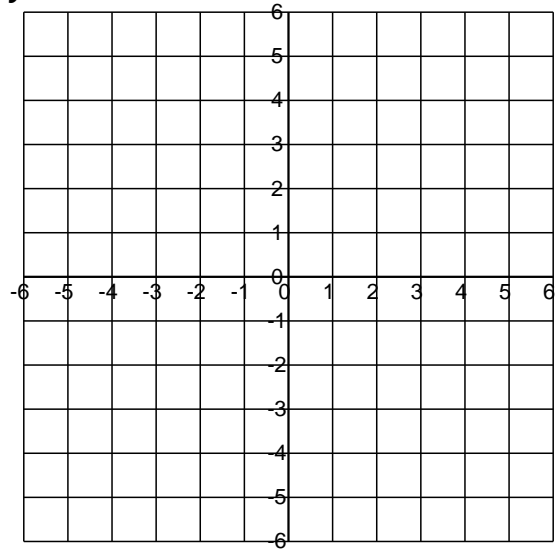


2: Sketch the following graphs:

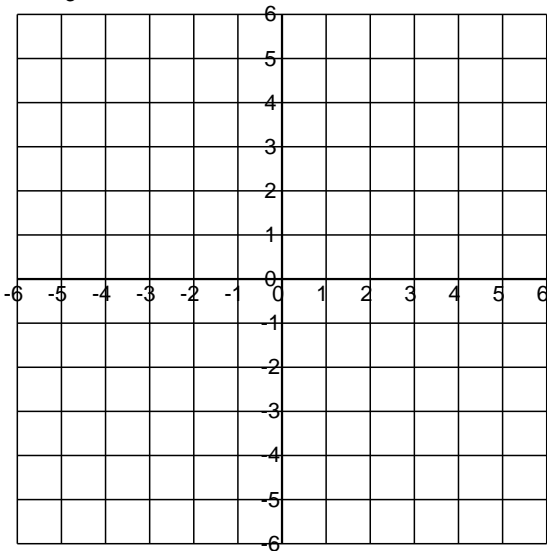
a) $y = -3x + 4$



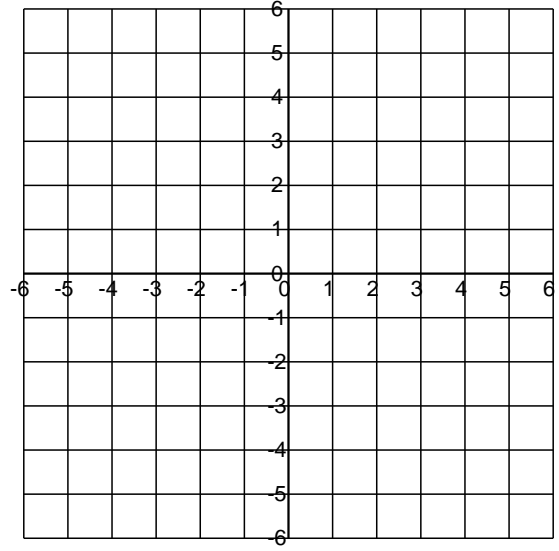
b) $y = -x + 5$



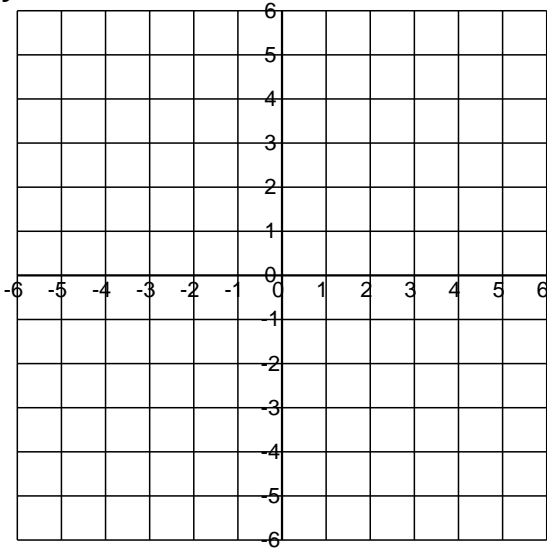
c) $y = \frac{1}{3}x - 5$



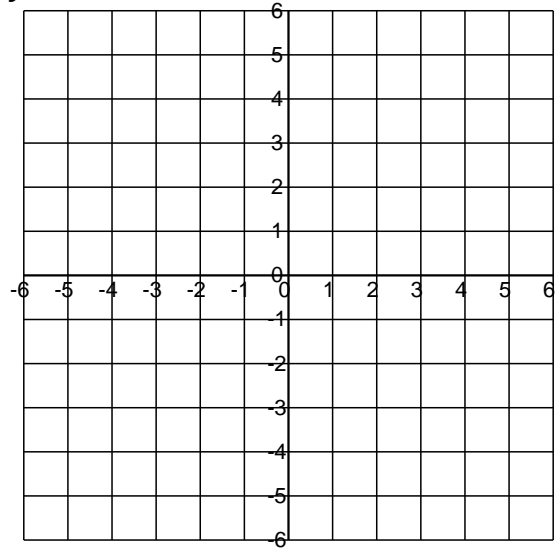
d) $y = -4x + 2$



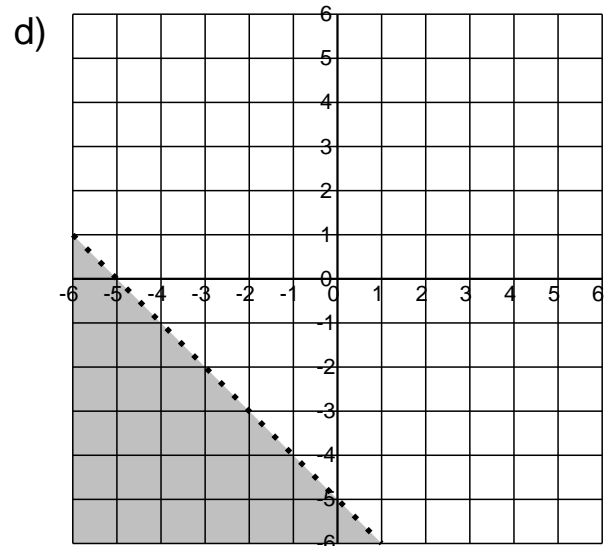
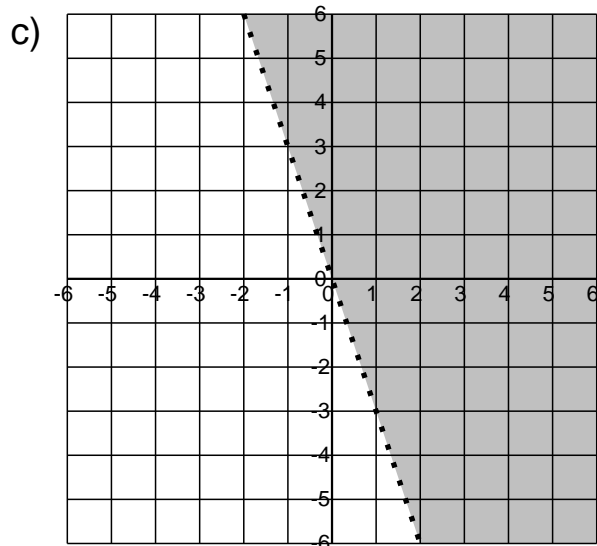
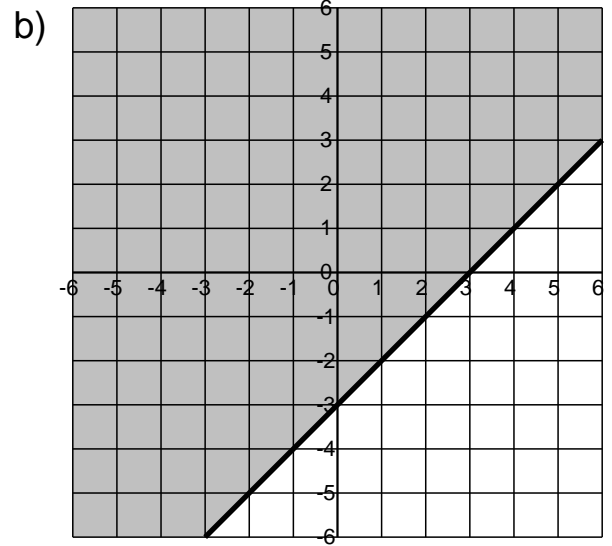
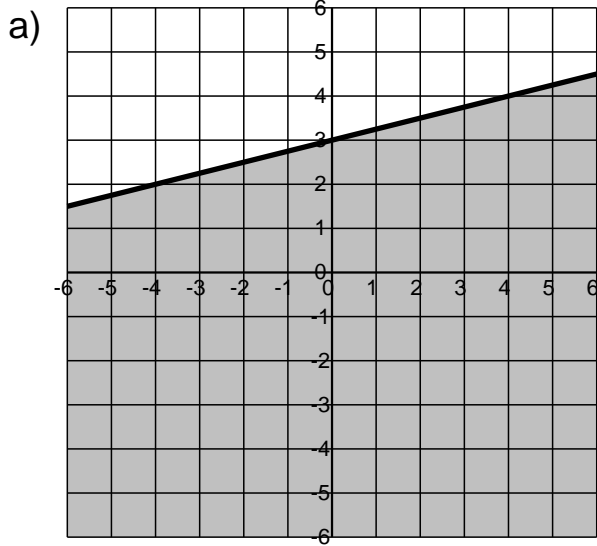
e) $y = 2x - 4$



f) $y = -1$

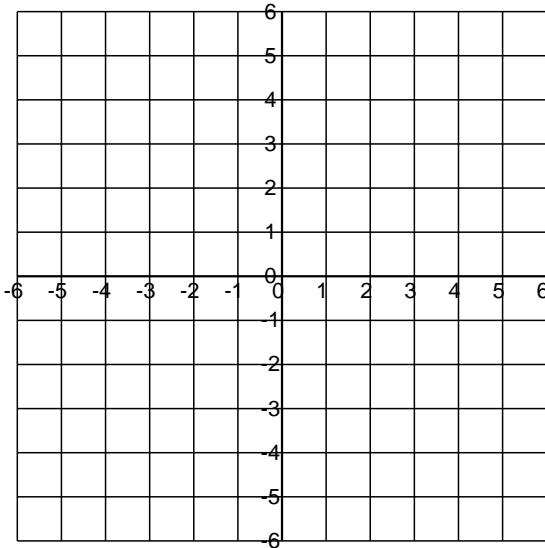


3: Identify the shaded region

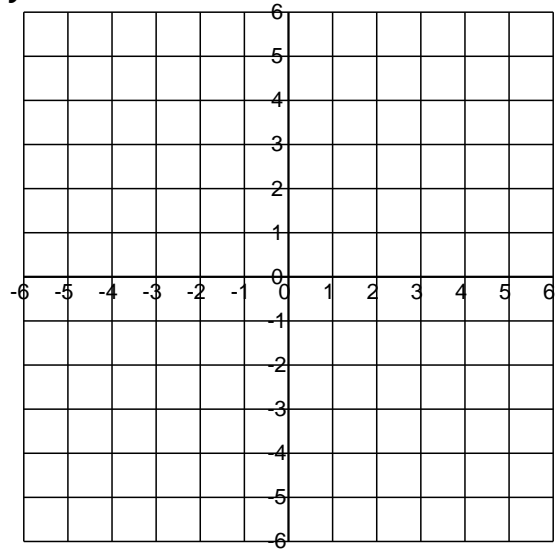


4: Shade the required region

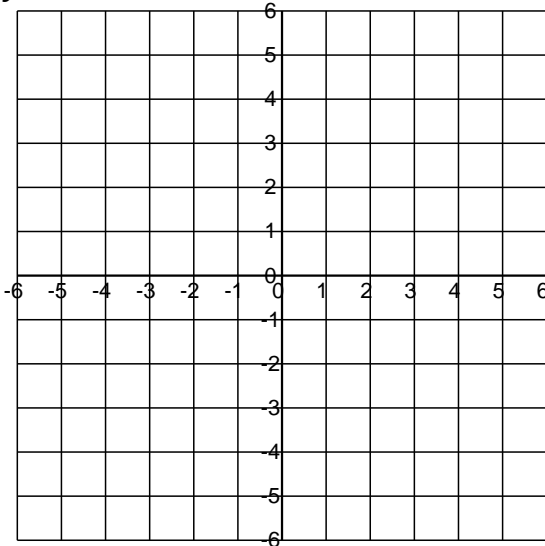
a) $y > -\frac{1}{2}x + 5$



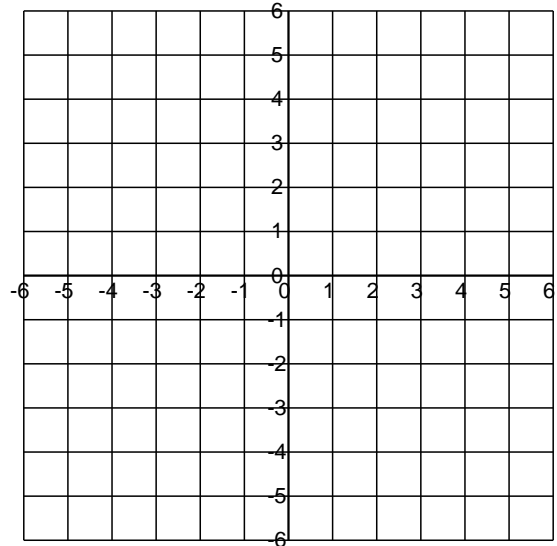
b) $y \leq 3x - 2$



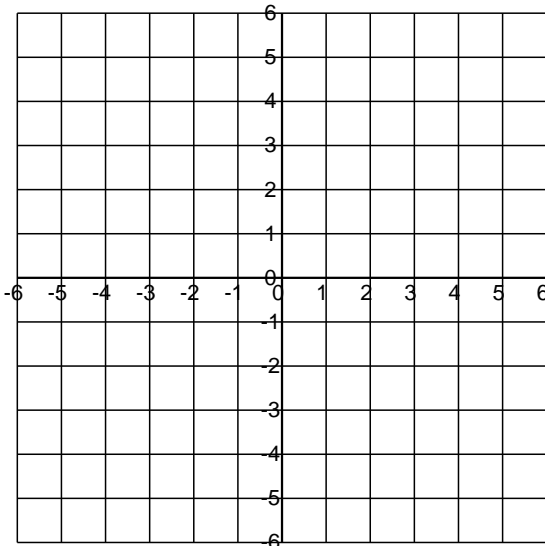
c) $y \geq -4x + 2$



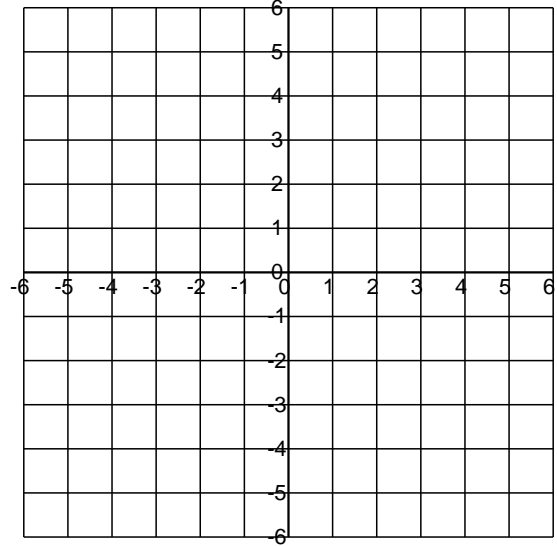
d) $x < -1$



e) $y \geq \frac{1}{2}x + 1$



f) $y > -4$



Answers: Demo Graph Questions

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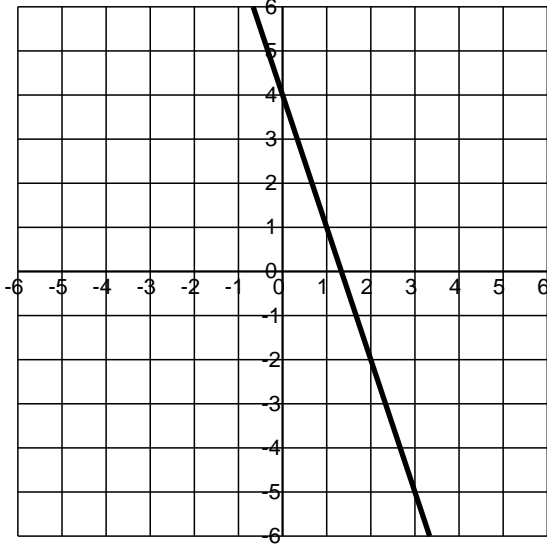
1: a) $y = x - 2$

b) $y = \frac{1}{4}x - 3$

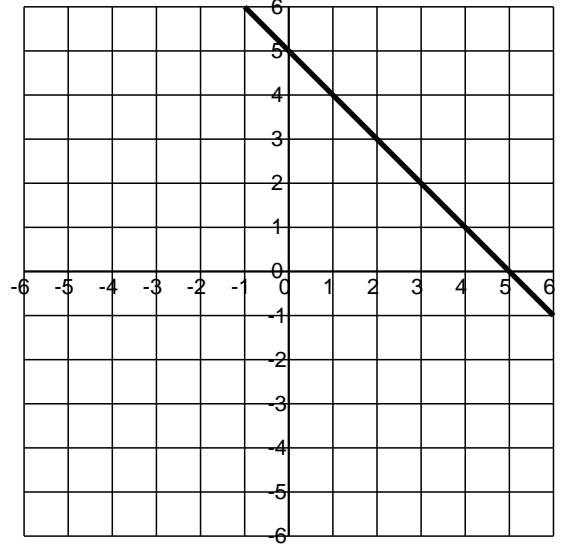
c) $y = -2x + 1$

d) $y = 0$

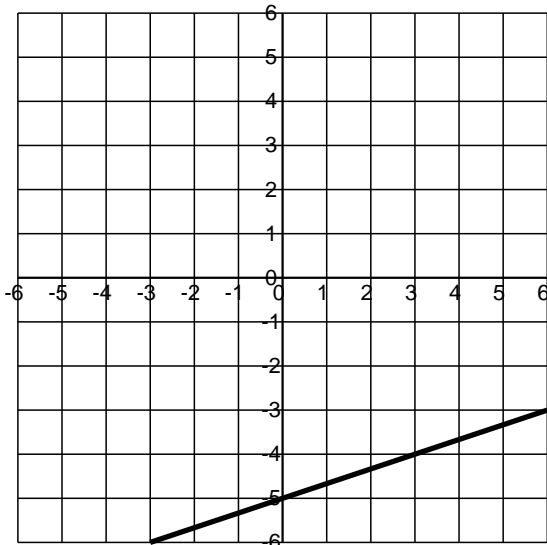
2: a)



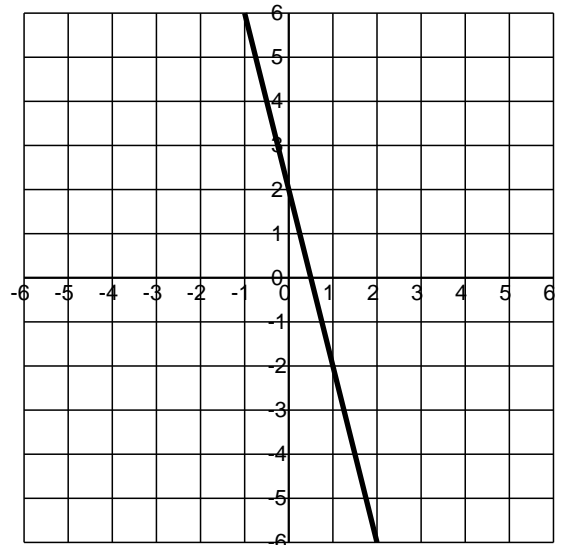
b)



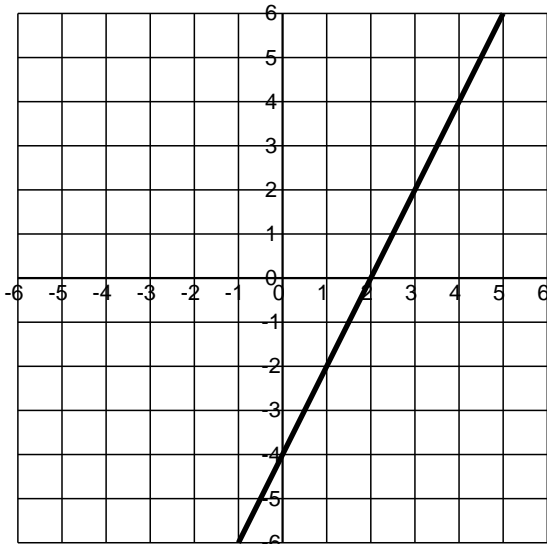
c)



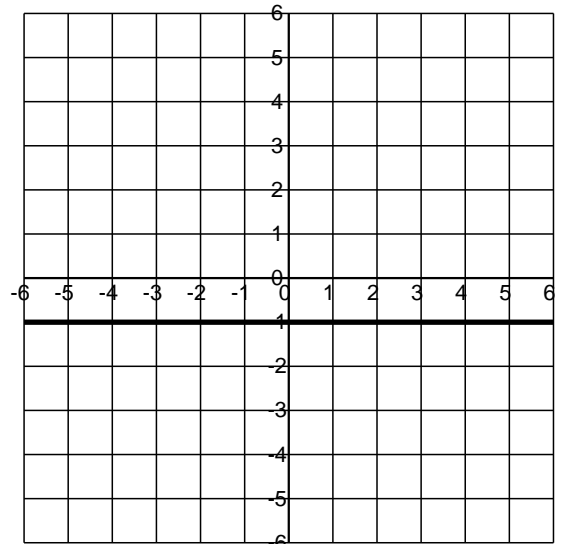
d)



e)



f)



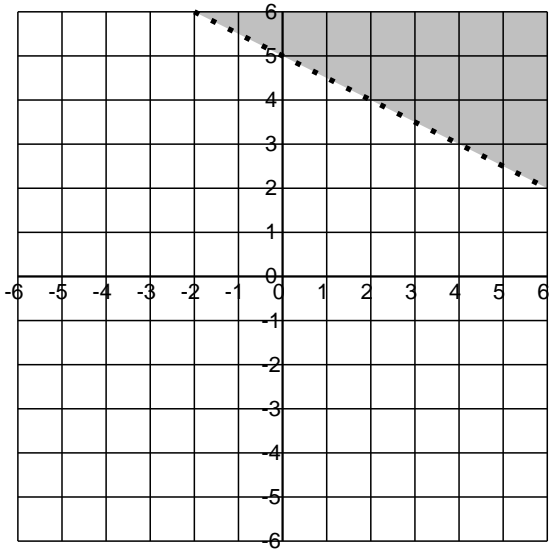
3: a) $y \leq \frac{1}{4}x + 3$

b) $y \geq x - 3$

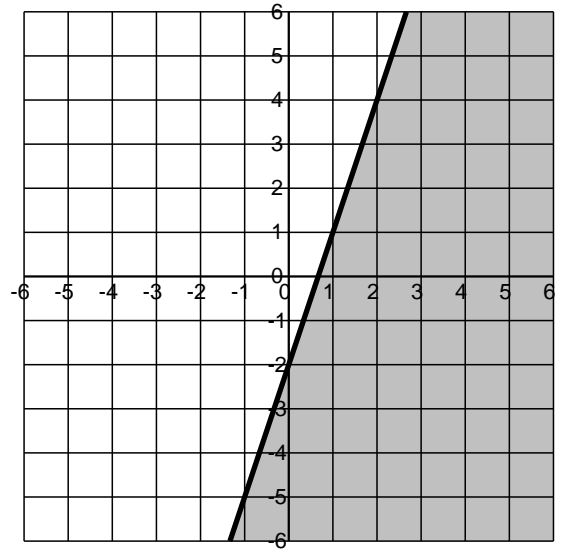
c) $y > -3x$

d) $y < -x - 5$

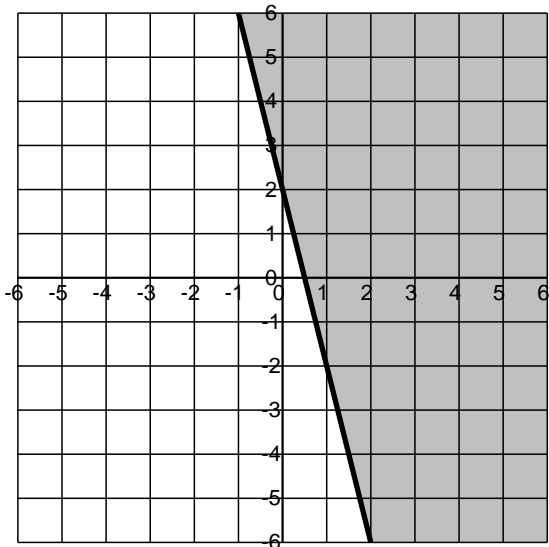
4: a)



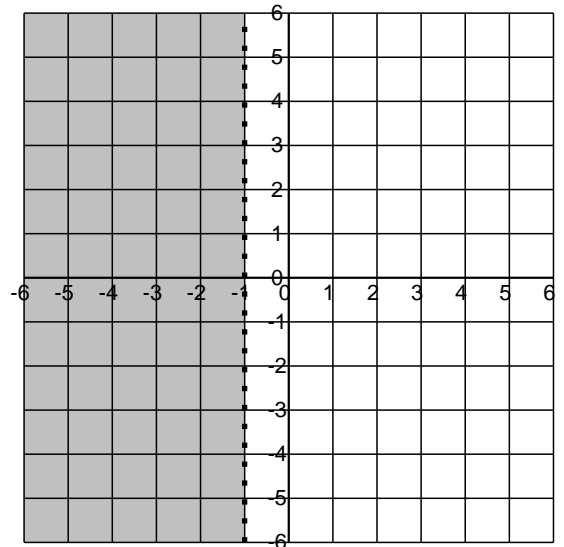
b)



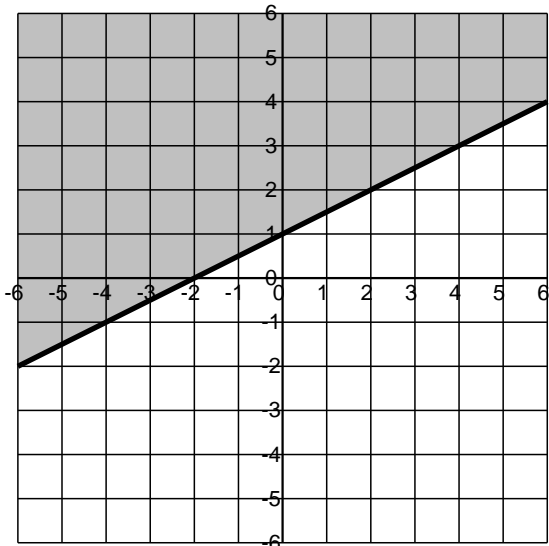
c)



d)



e)



f)

