

Name:

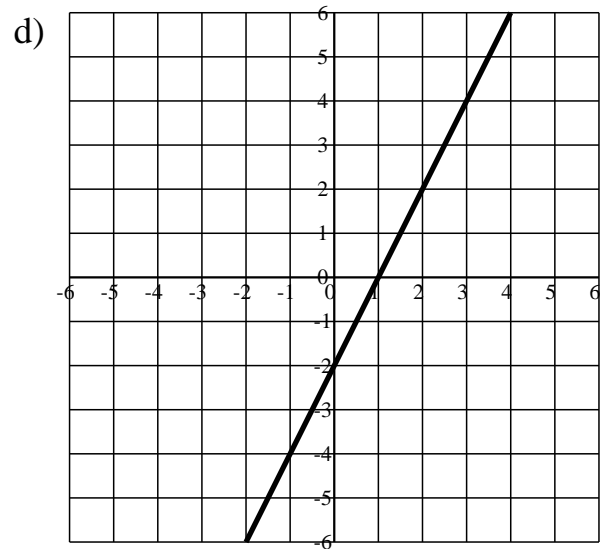
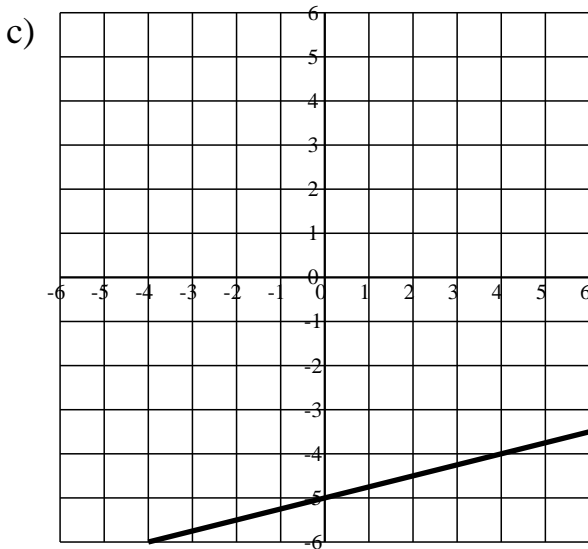
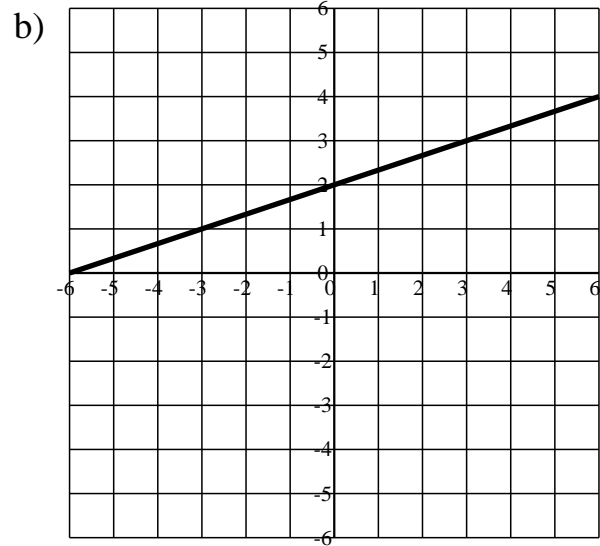
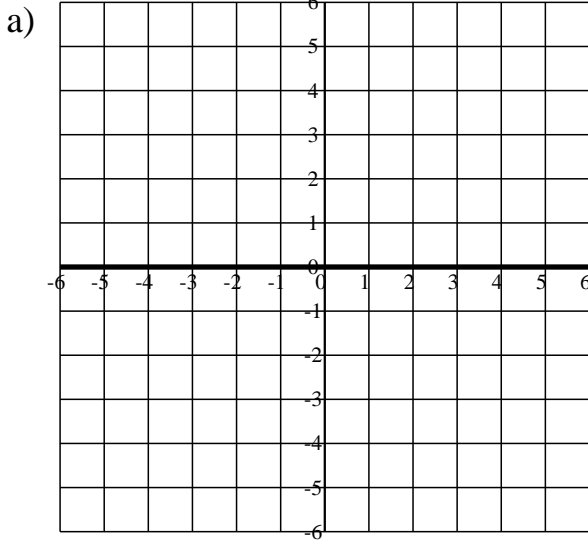
Class/Set:

Demo Graph Questions

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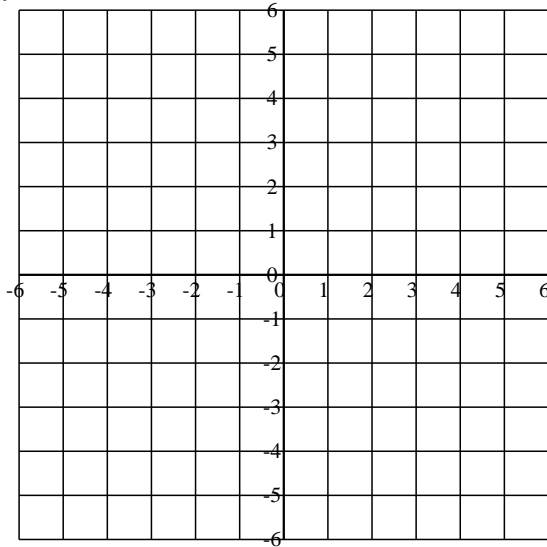
Please answer on this worksheet.

1: Give equations for the following graphs:

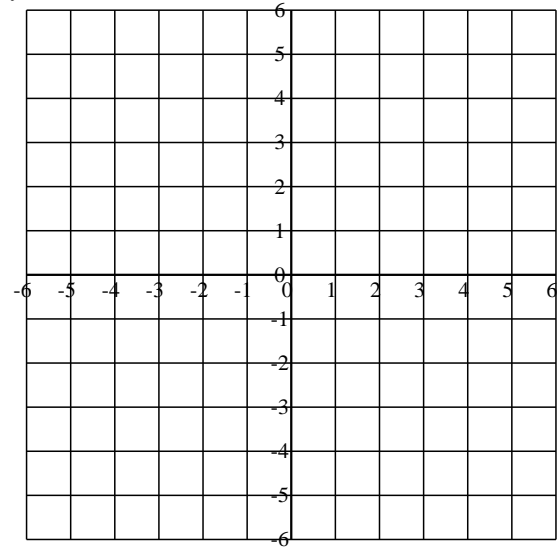


2: Sketch the following graphs:

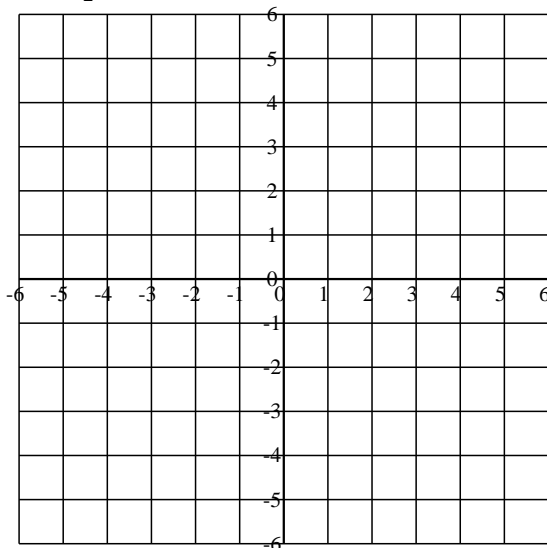
a) $y = -x + 4$



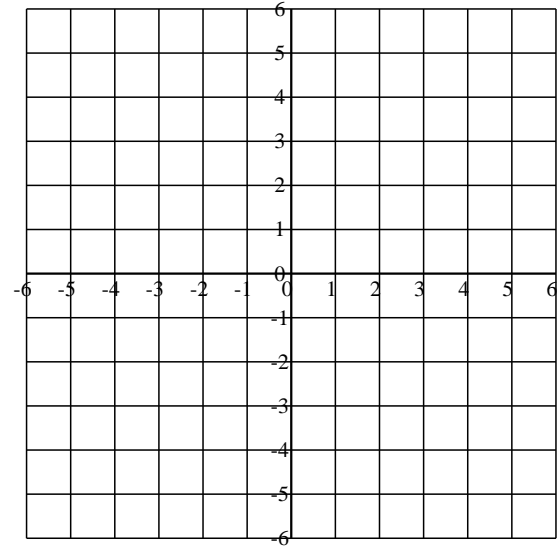
b) $y = x + 5$



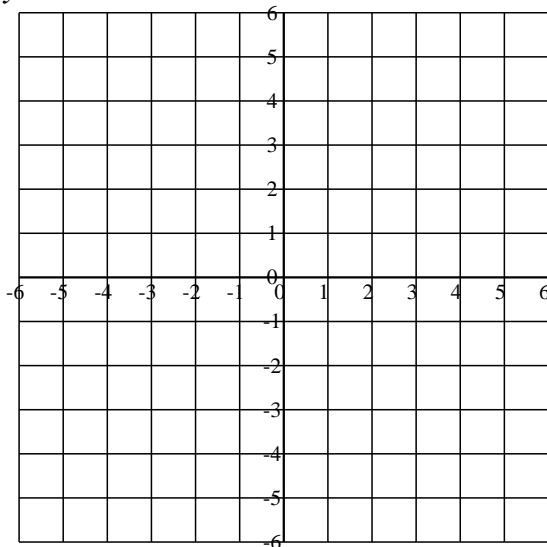
c) $y = -\frac{1}{2}x + 3$



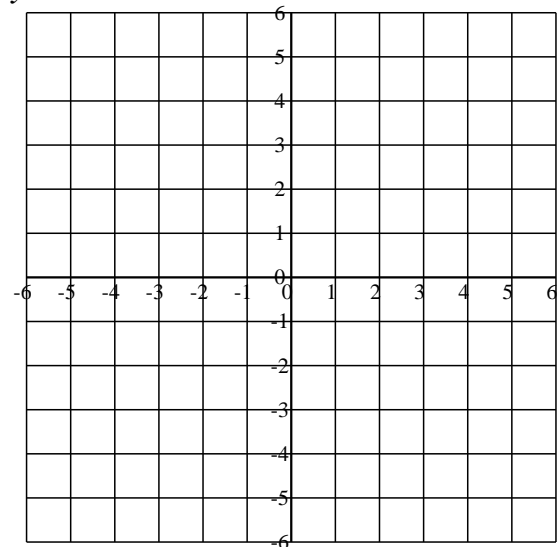
d) $y = -3x + 1$



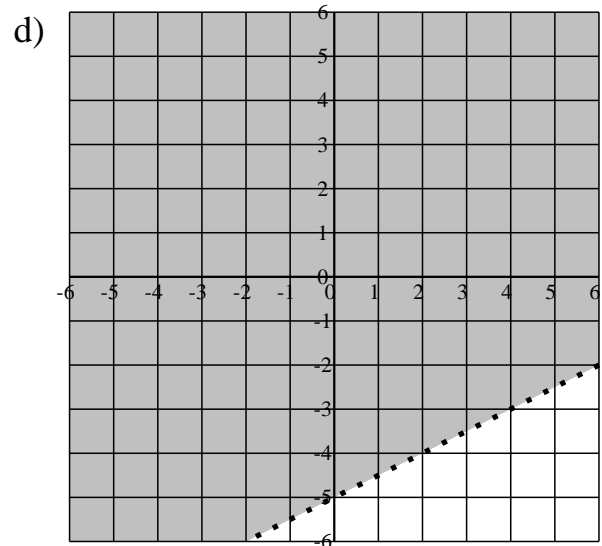
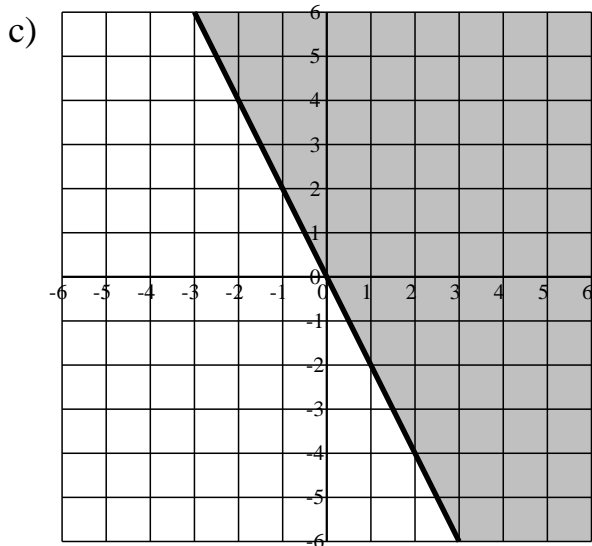
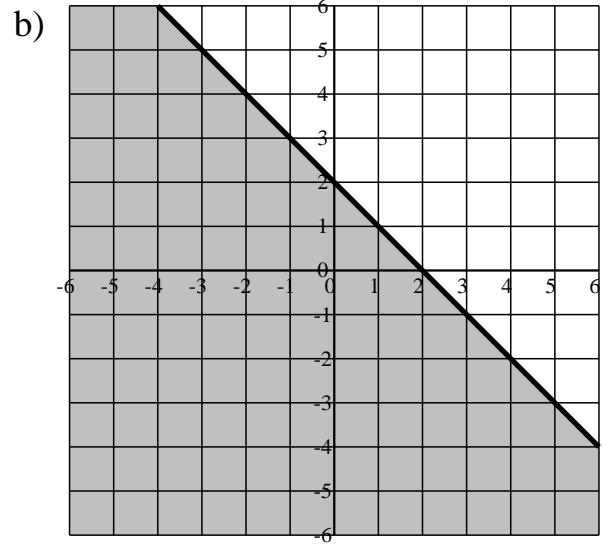
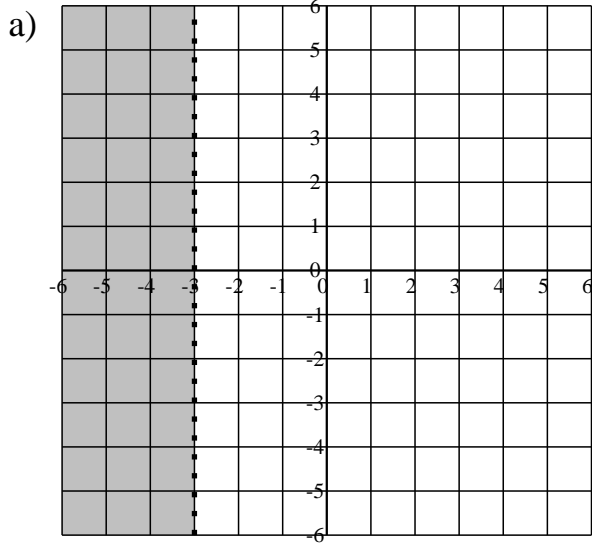
e) $y = -4x - 1$



f) $y = -4$

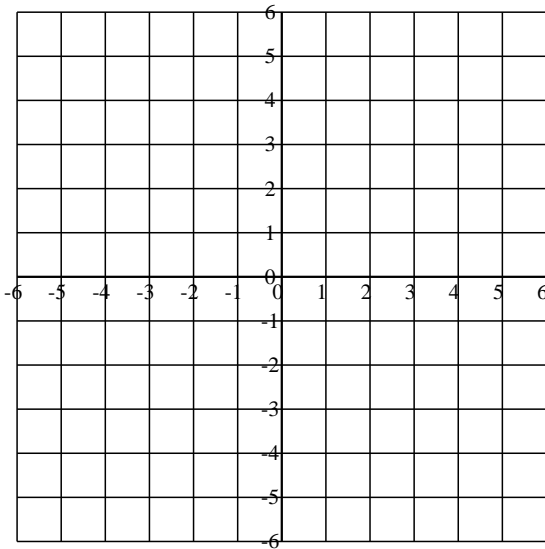


3: Identify the shaded region

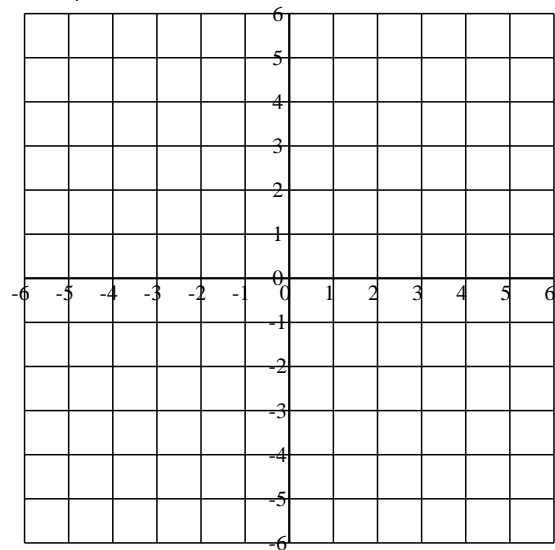


4: Shade the required region

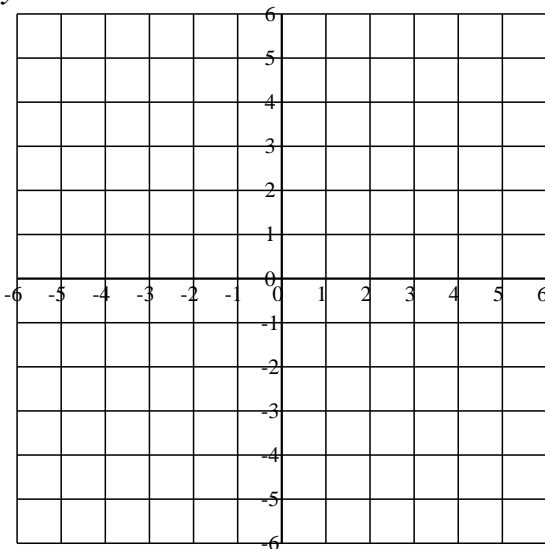
a) $x \leq 3$



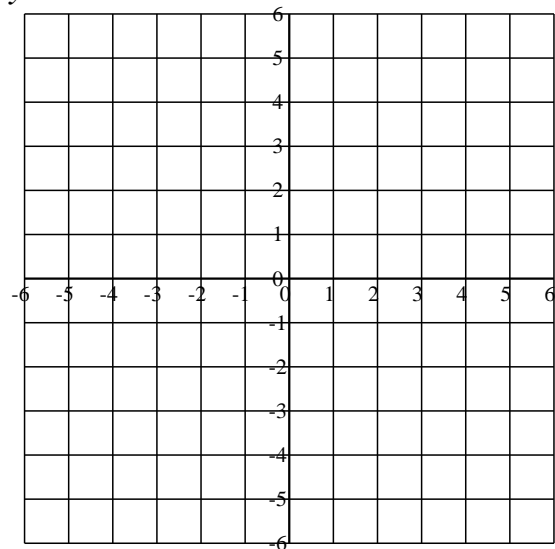
b) $y < \frac{1}{4}x - 1$



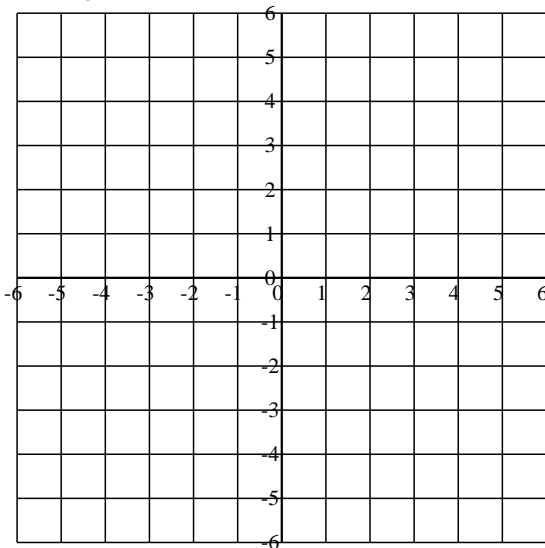
c) $y \geq x - 2$



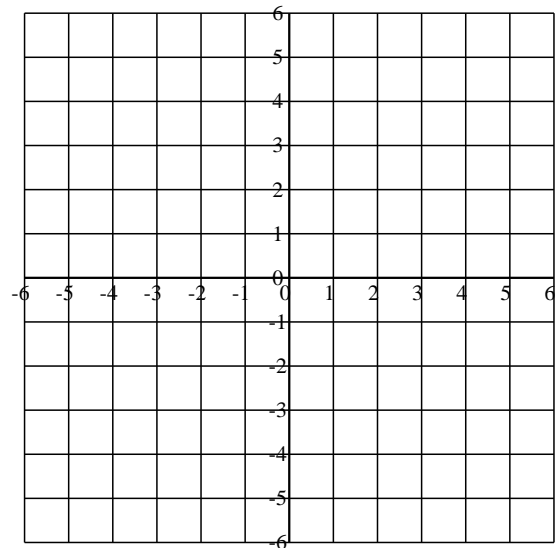
d) $y > 3x + 4$



e) $y < -\frac{1}{3}x - 3$



f) $y \leq -\frac{1}{4}x + 1$



Answers: Demo Graph Questions

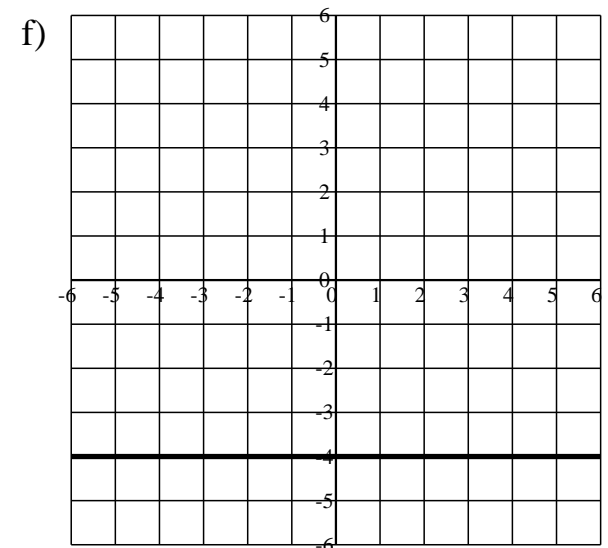
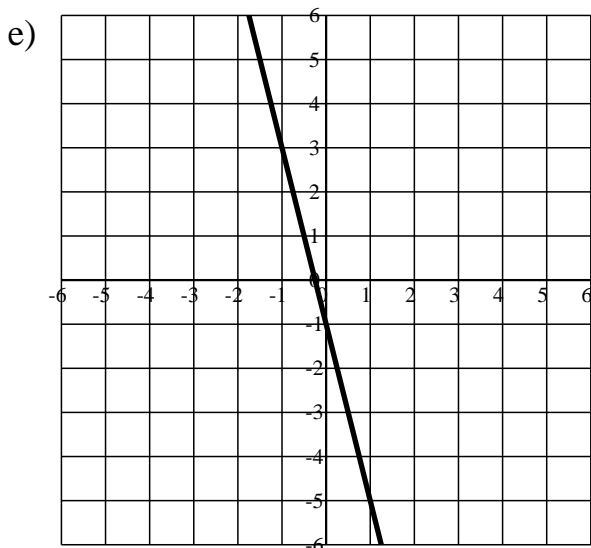
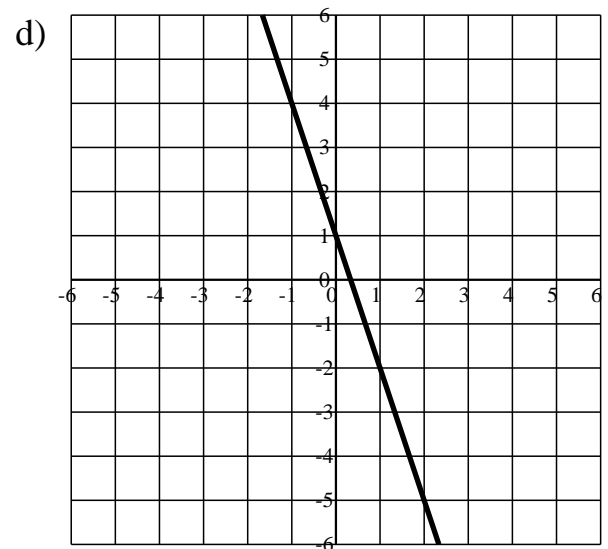
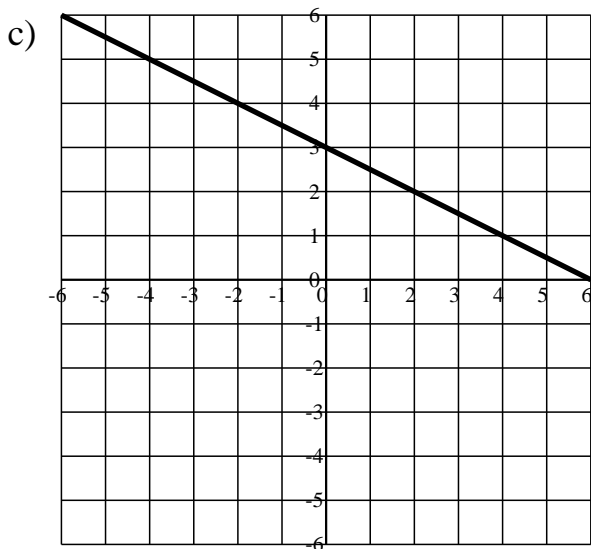
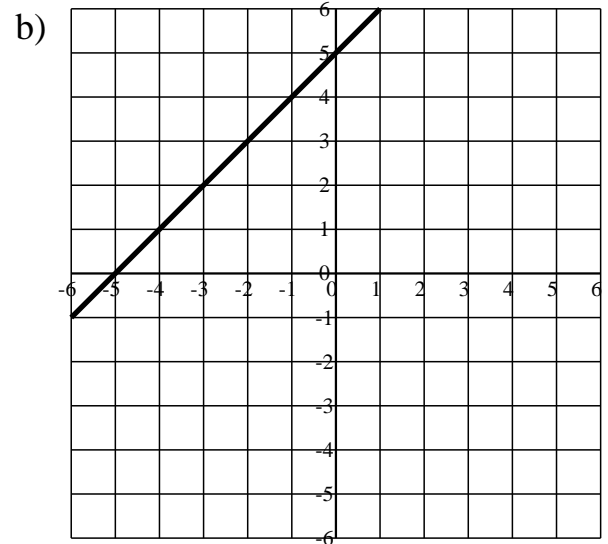
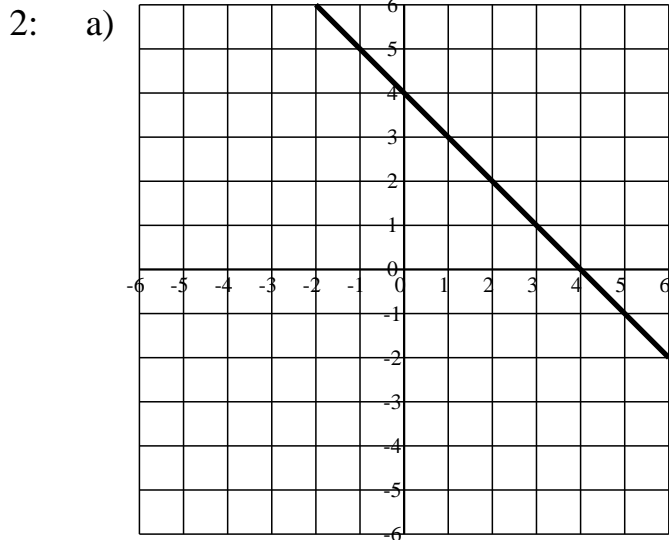
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1: a) $y = 0$

b) $y = \frac{1}{3}x + 2$

c) $y = \frac{1}{4}x - 5$

d) $y = 2x - 2$



3: a) $x < -3$

b) $y \leq -x + 2$

c) $y \geq -2x$

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

