

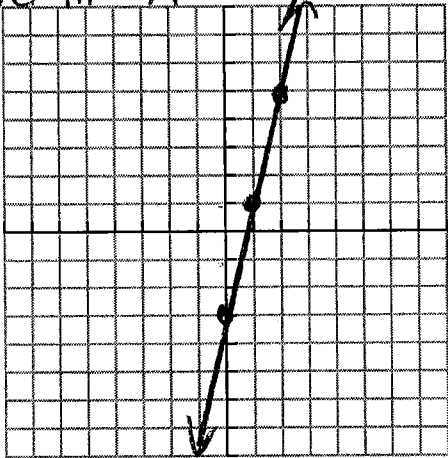
Name: Answer Key

Exercise 5.3

1. Graph each linear function.

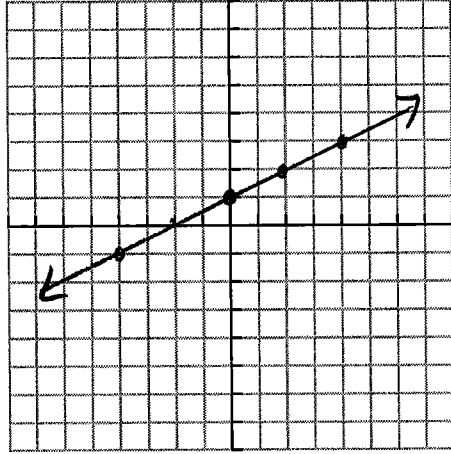
a) $y = 4x - 3$

slope $m = 4/1$
y-int $b = -3$

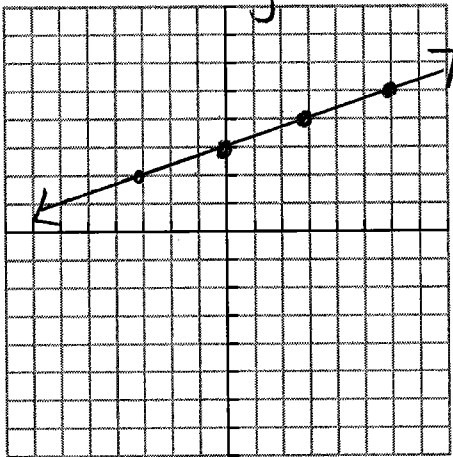


b) $y = \frac{1}{2}x + 1$

slope $m = \frac{1}{2}$
y-int $b = 1$

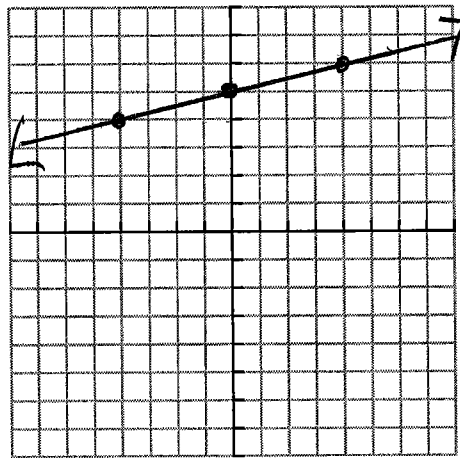


c) $y = \frac{1}{3}x + 3$ slope = $\frac{1}{3}$
y-int = 3

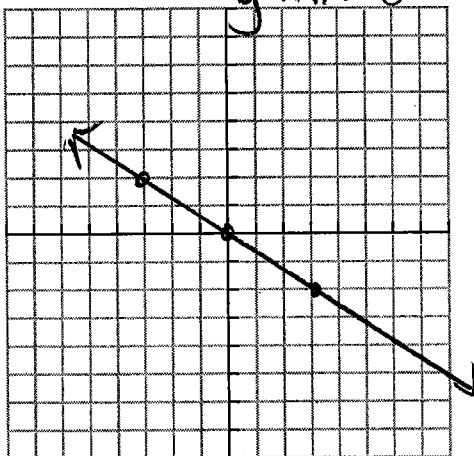


d) $y = \frac{1}{4}x + 5$

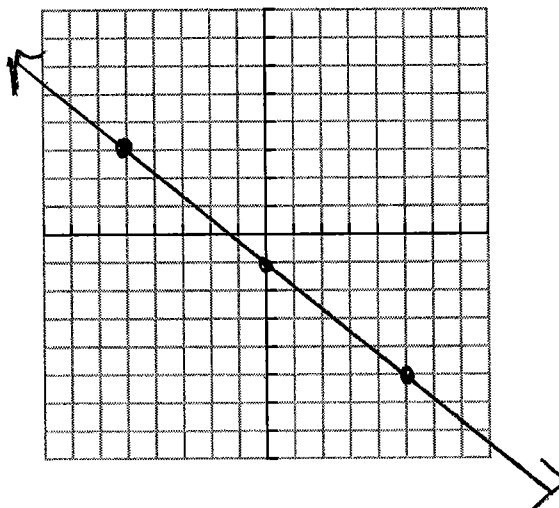
slope = $\frac{1}{4}$ y-int = 5

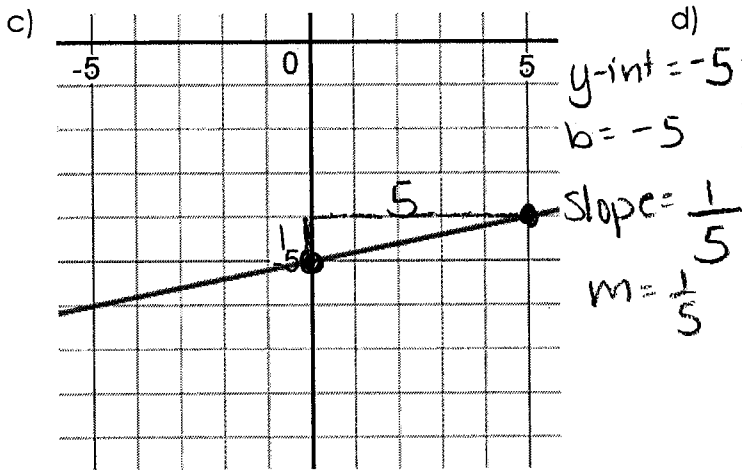


e) $y = -\frac{2}{3}x$ slope = $-\frac{2}{3}$
y-int = 0

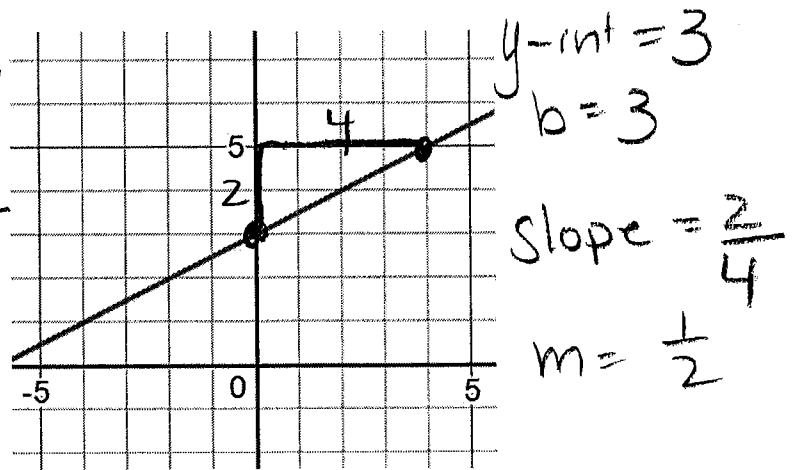


f) $y = -\frac{4}{5}x - 1$ slope = $-\frac{4}{5}$ y-int = -1

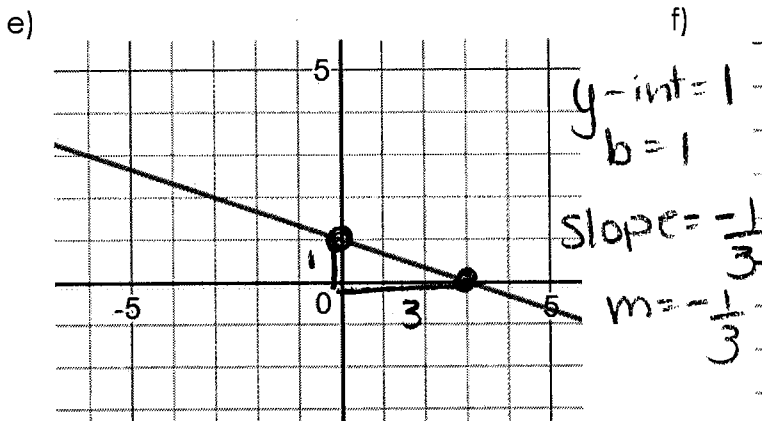




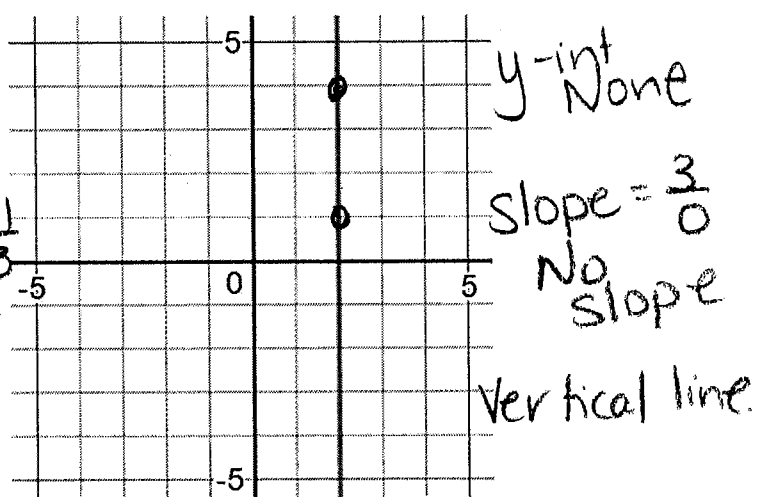
$$y = \frac{1}{5}x - 5$$



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



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



$$x = 2$$