

**Chapter  
4**

**Practice Quiz**

Review of lessons 4.4, 4.5, & 4.6

Find the slope and the y-intercept of the graph of the linear equation.

1.  $y = -\frac{4}{5}x - 2$

2.  $y = 11 + 1.5x$

Find the x- and y-intercepts of the graph of the equation.

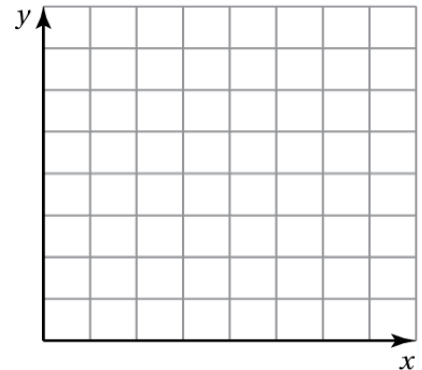
3.  $15x - 12y = 60$

4.  $10x + 8y = -40$

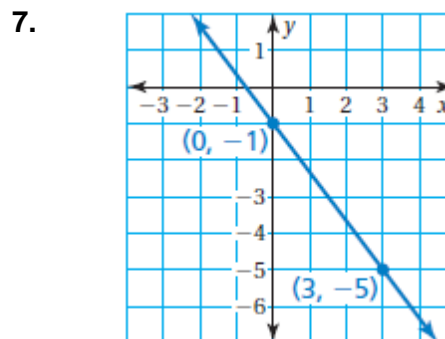
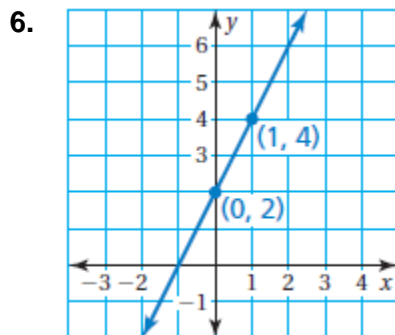
5. Five friends go scuba diving. They spend a total of \$1000 renting boats and scuba diving equipment.

a. Graph the equation  $250x + 50y = 1000$  where  $x$  is the number of days the friends rent a boat and  $y$  is the number of days they rent scuba gear.

b. Interpret the intercepts.



Write an equation of the line in slope-intercept form.



Write in slope-intercept form an equation of the line that passes through the given points.

8.  $(0, -3), (5, 1)$

9.  $(-2, 4), (7, 4)$