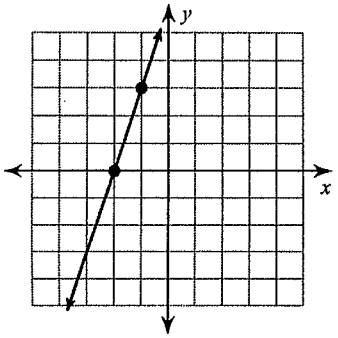
Name_____ ID:

Parallel & Perpendicular Slopes & Equations of Lines

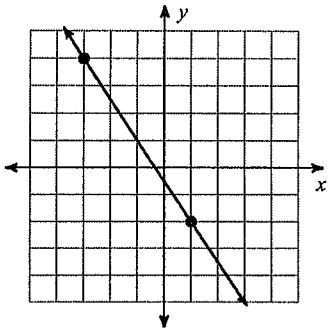
Date_____

Find the slope of each line.

1)



2)



Find the slope of the line through each pair of points.

3) $(2, -10), (8, -16)$

4) $(-17, -5), (15, -13)$

Find the slope of each line.

5) $y = \frac{9}{5}x + 5$

6) $y = 5$

Find the slope of a line parallel to each given line.

7) $y = -\frac{5}{2}x - 2$

8) $y = -x - 5$

9) $y = \frac{1}{2}x + 5$

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

11) $7x - 5y = 20$

12) $5x + y = 3$

Find the slope of a line perpendicular to each given line.

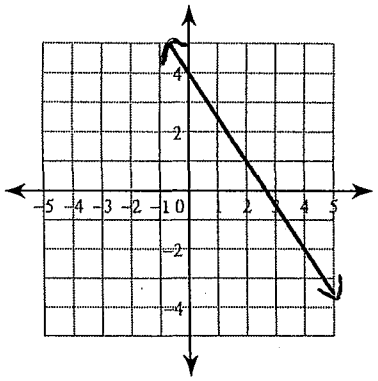
13) $x - y = 0$

14) $x + 2y = 6$

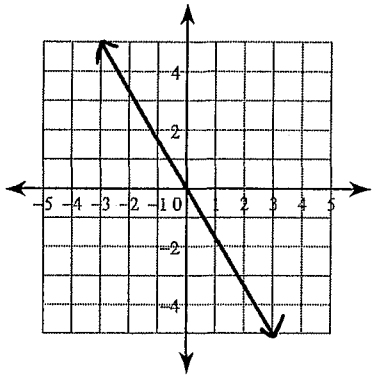
Writing Linear Equations

Write the slope-intercept form of the equation of each line.

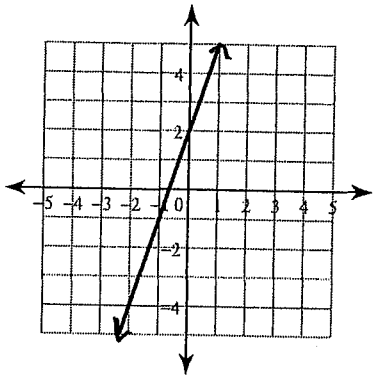
1)



2)



3)



4)