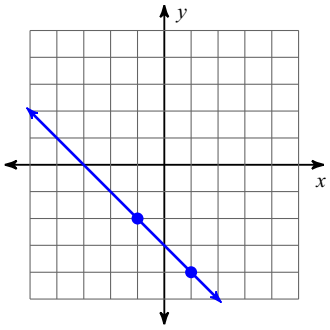
Algebra 1 Name_____

Find Slope & Slope-Intercept Form

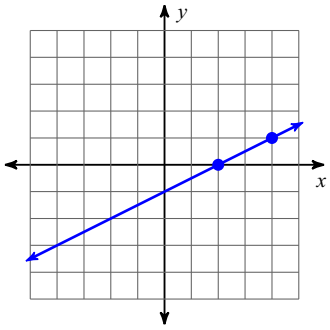
Date_____

Find the slopeand the y-intercept of each line.

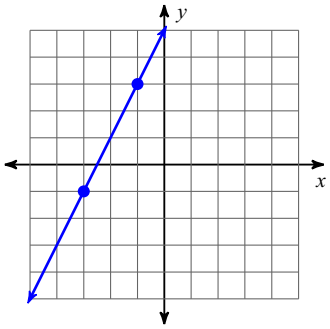
1)



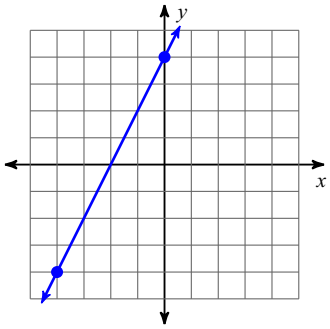
2)



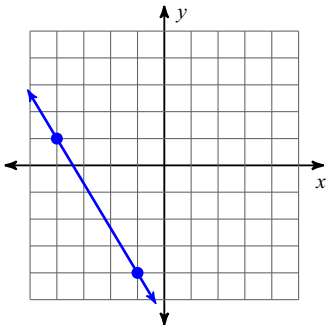
3)



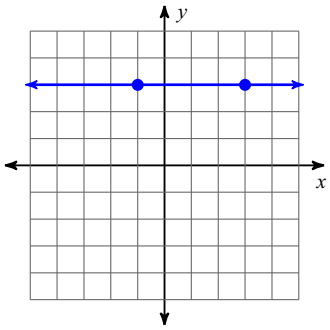
4)



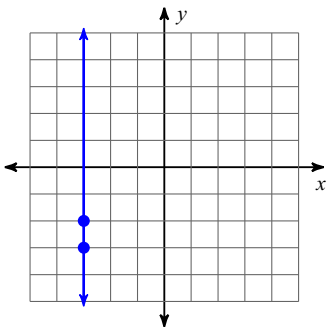
5)



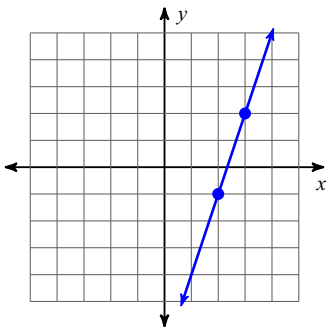
6)



7)



8)



Find the slope & the y-intercept of each line.

9) $y = -5x + 4$

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

11) $y = \frac{5}{4}x$

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

Write the slope-intercept form of the equation of each line given the slope and y-intercept.

13) Slope = $-\frac{1}{2}$, y-intercept = –4

14) Slope = 0, y-intercept = 4

15) Slope = –1, y-intercept = –5

16) Slope = $\frac{1}{3}$, y-intercept = –4

17) Slope = 0, y-intercept = 5

18) Slope = 3, y-intercept = 4

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

19) $(8, -18), (-19, -8)$

20) $(-4, -8), (-11, -17)$

21) $(-13, -14), (13, -14)$

22) $(-16, -14), (-12, -9)$

23) $(-17, 5), (-9, -15)$

24) $(11, 16), (3, -12)$

25) $(0, -2), (0, -4)$

26) $(3, -10), (-8, 6)$

27) $(2, 16), (-14, 15)$

28) $(3, 3), (-5, -11)$

29) $(-13, 3), (-1, 2)$

30) $(-18, -18), (18, 17)$