Name: _____

Slopes and Intercepts

Find the slope and the y-intercept of each line, and then graph the line.

1) $y = 2x - 5$

2) $y = -\dfrac{1}{4}x - 3$

3) $y = -\dfrac{3}{5}x$

4) $y = -5x - 2$

5) $y = 2$

6) $x = 3$

7) $2x + 3y = 6$

8) $x = 5y + 4$

Calculate the x-intercept and the y-intercept, and then graph the linear equation.

9) $2x + 3y = 6$

10) $4x - 5y = 20$

11) $x - 3y = -9$

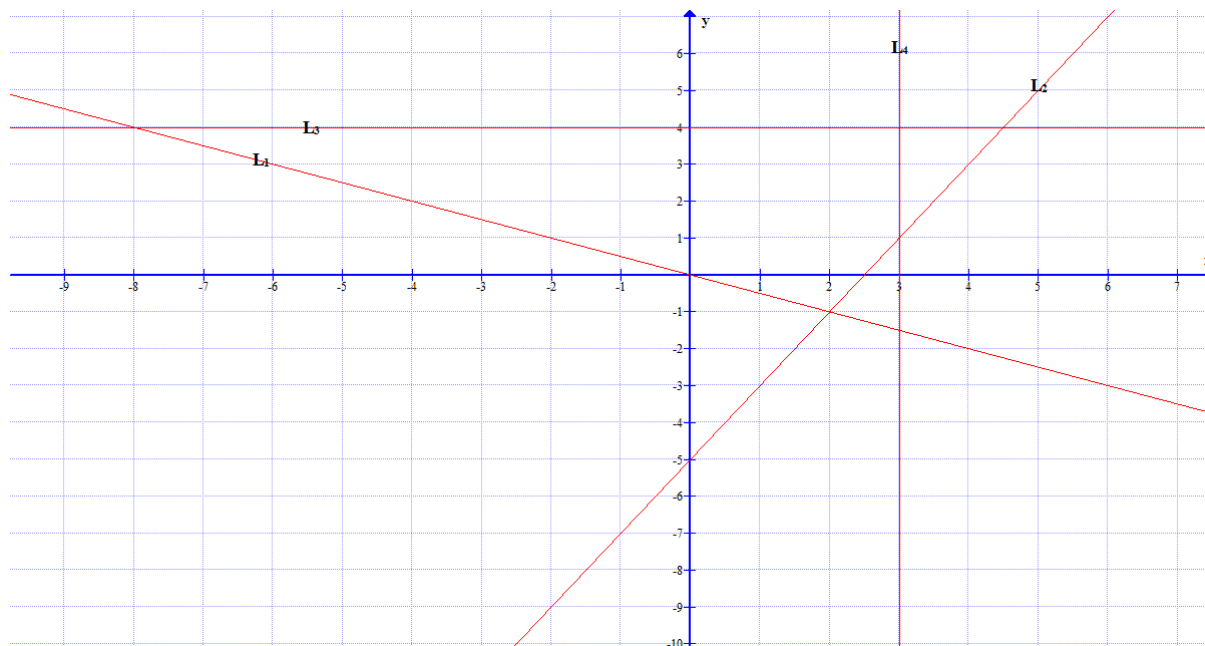12) $y = -2x + 4$

13) $y = 3x - 9$

14) $y = -2x - 11$

15) $x = 3$

16) $y = -4$

17) $\dfrac{1}{2}x + \dfrac{1}{3}y = 2$

18) $-\dfrac{1}{4}x + \dfrac{2}{3}y = -2$

19) Complete the following table, using the given graph.

Line	slope	x-intercept	y-intercept	equation
L_1				
L_2				
L_3				
L_4				