In Problems 1-2, graph each linear equation by plotting points or TI-83/84

1.	2.
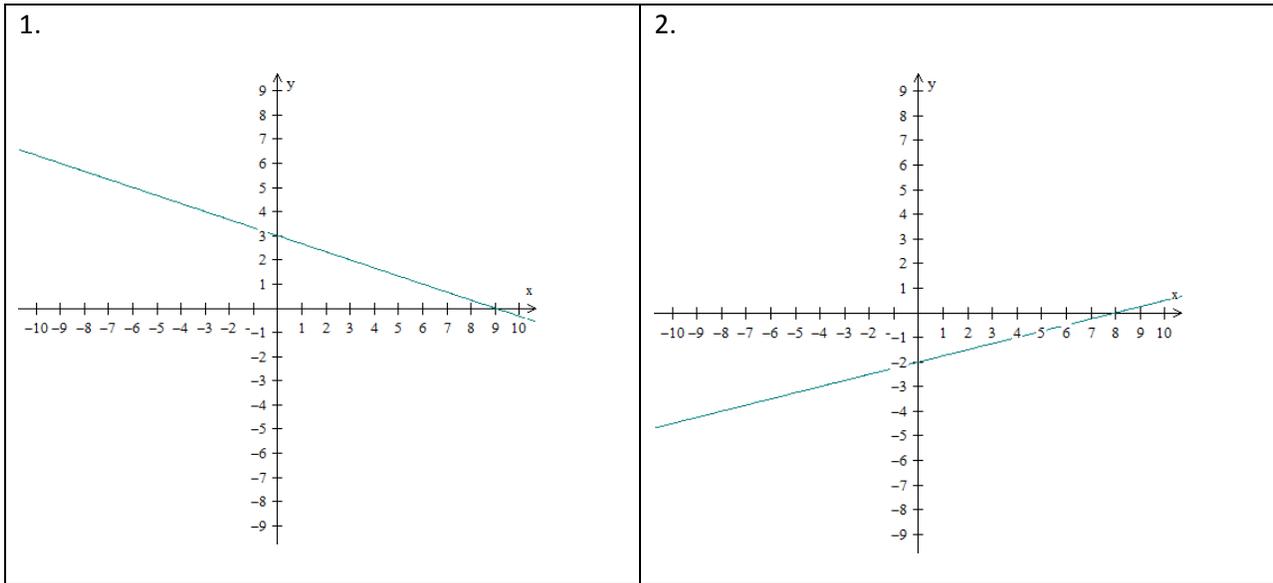
In Problems 3-5, graph each linear equation by finding its intercepts

3.	4.
x-int: (4, 0) or 4	x-int: (-5, 0) or -5
y-int: (0, -8) or -8	y-int: (0, 3) or 3
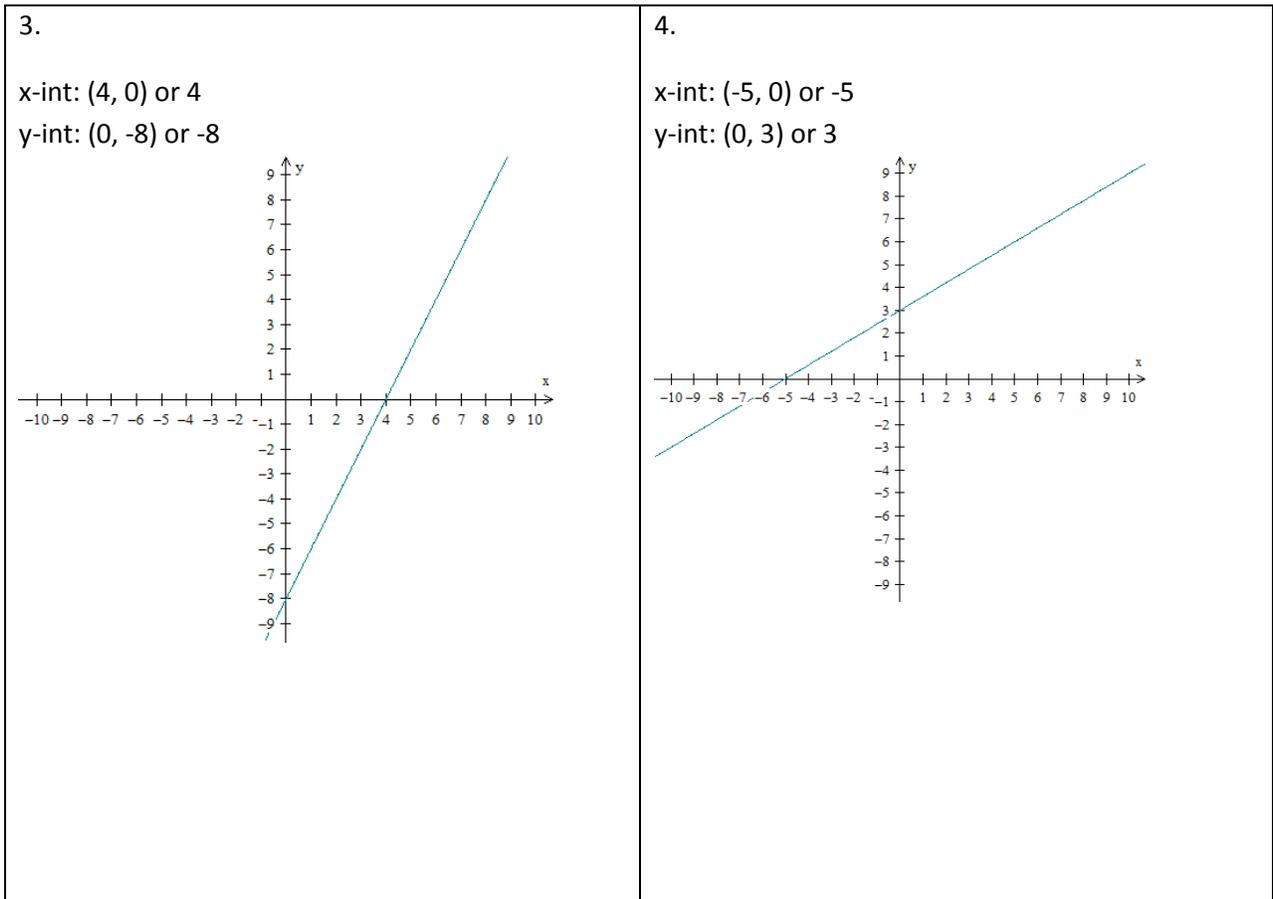
5.
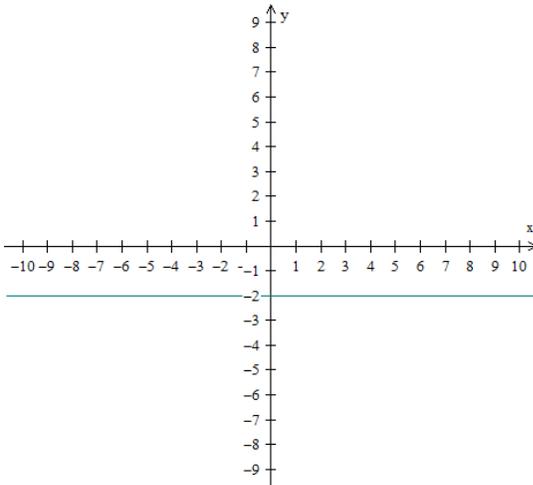
x-int: $\left(\dfrac{5}{2}, 0\right)$ or $\dfrac{5}{2}$

y-int: (0, 3) or 3
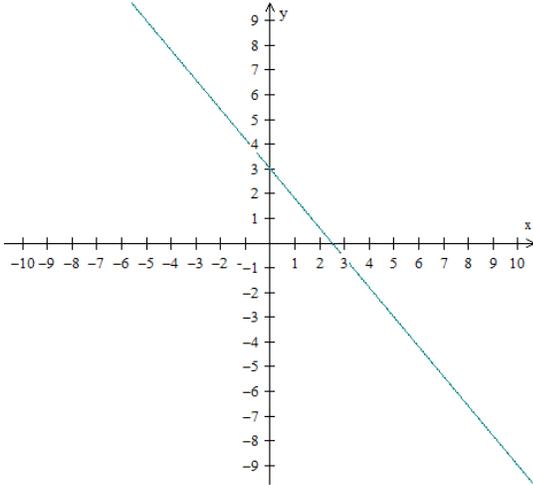
In Problem 6, graph each linear equation

6.

In Problem 7, find the slope of the line

7.

$$m = \frac{1}{5}$$

In Problems 8-10, plot each pair of points and graph the line containing them. Determine the slope of the line
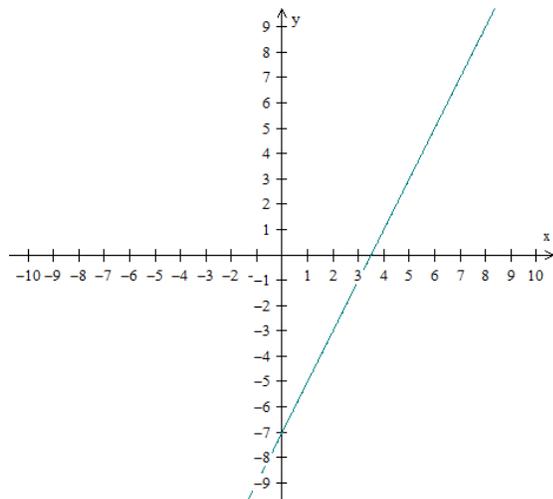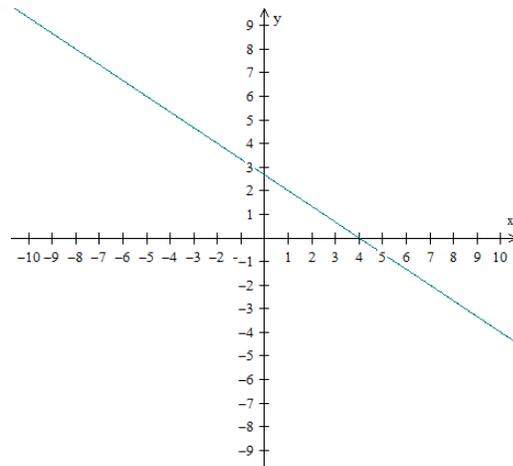
8. $$m = \frac{-1}{5}$$	9. $$m = \frac{2}{7}$$
10. m is undefined	

In Problems 11-13, graph the line that contains the given point and has slope m. Do not find an equation of the line.
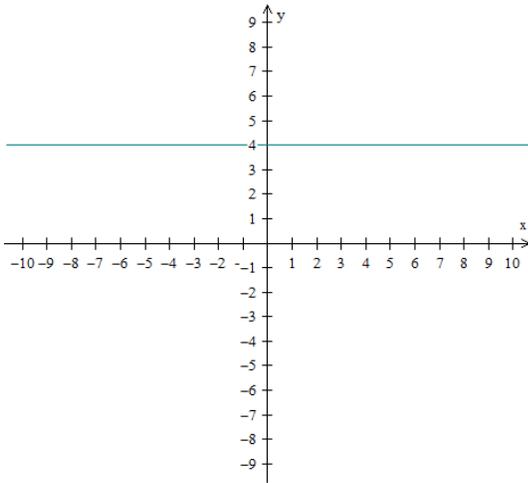
11.	12.

13.

In Problem 14, find an equation of the line. Express your answer in slope-intercept form.

14. $y = \dfrac{-1}{3}x + \dfrac{7}{3}$

In Problems 15-17, find an equation of the line that has the given slope and contains the given point. .
Express your answer in slope-intercept form.

15. $y = -2x + 9$	16. $y = \dfrac{-1}{2}x + 5$
17. $x = 5$	

In Problems 18-20, find an equation of the line that contains the given points. Express your answer in slope-intercept form.

18. $y = 7x - 2$	19. $x = 4$
20. $y = \dfrac{-1}{4}x - \dfrac{1}{4}$	

In Problems 21-23, find the slope and y-intercept of each line. Graph the line.
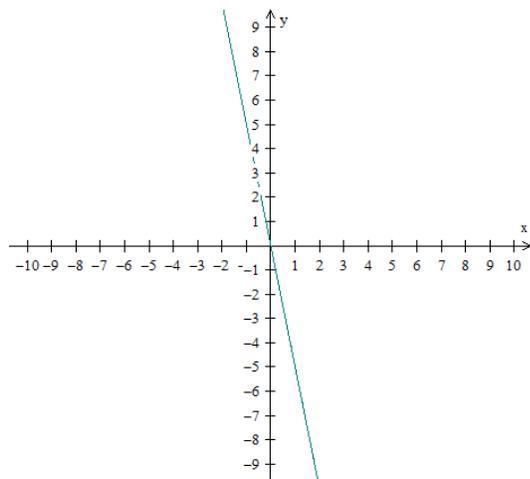
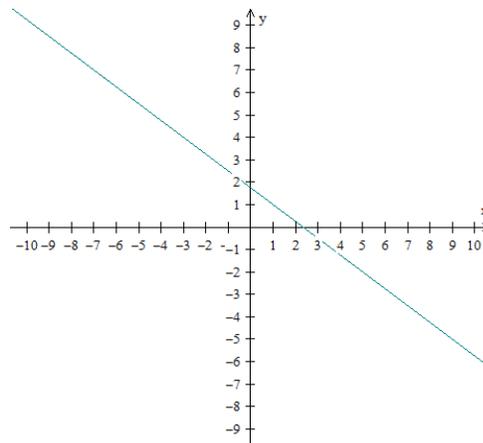|	
21. slope = -5 y-intercept: 0	22. $3x + 4y = 7$ slope = $\dfrac{-3}{4}$ y-intercept: $\dfrac{7}{4}$
23. slope = 0 y-intercept: 4	