Name_____ Geometry   3-7 Part 2 Worksheet

Use the given information to write an equation of each line in slope-intercept form.

1. slope 3, y-intercept 6

2. Slope $\frac{1}{2}$, y-intercept -5

3. slope 0, y-intercept 7

4. slope $-\frac{2}{5}$, y-intercept 0

5. slope undefined, x-intercept 2

6. slope $\frac{2}{3}$, passes through $(-2,-6)$

7. slope -3, passes through $(4,-1)$

8. slope 6, passes through $(-5,2)$
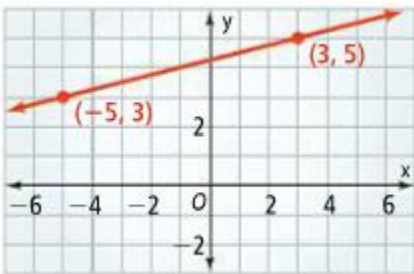
9. slope $-\frac{3}{4}$, passes through $(1,-5)$

10. passes through (0,5) and (5,8)
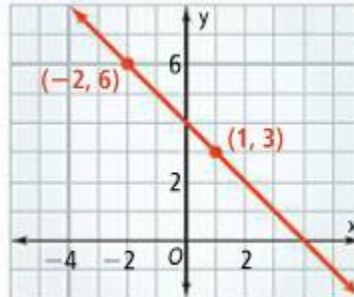
11. passes through (6,2) and (2,4)

12. passes through $(-4,4)$ and $(2,10)$

13. passes through $(-1,0)$ and $(-3,-1)$

14.

15.

Write the equation of the horizontal and vertical lines through the given point.

16. $(4,7)$

17. $(3,-2)$

18. $(0,-1)$

19. $(6,4)$