

5.1, 5.2, 5.5
REVIEW!

Write the equation of the line in slope-intercept form using the information given. Assume the line passes through any given points.

1. $m = -\frac{1}{4}, b = \frac{3}{8}$

2. $m = 0, b = -20$

3. $m = -\frac{1}{1000}, b = 0$

4. $(1, 1), m = 3$

5. $(-4, 7), m = -5$

6. $(8, -4), m = -\frac{3}{4}$

7. $(1, 4), (2, 7)$

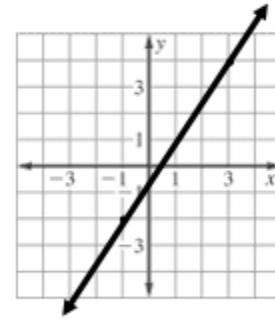
8. $(\frac{9}{2}, 1), (-\frac{7}{2}, 7)$

9. $(-5, \frac{3}{4}), (-2, -\frac{3}{4})$

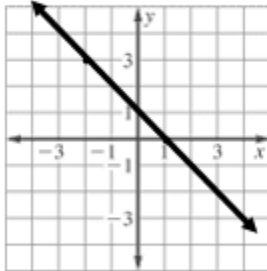
10. $f(-2) = 15, f(1) = 9$

11. $f(2) = 7, f(4) = 6$

12.



13.



14. Parallel to $y = 2x + 2$ and passes through the point $(-1, 3)$

15. Parallel to $-6x + y = 1$ and passes through $(1, 7)$

16. Perpendicular to $x + 5y = 15$ and passes through $(0, 1)$

17. Perpendicular to $4x + 3y = -6$ and passes through $(-6, -5)$