1. Find the equation of the line that passes through the following points:
   $(-1, -5)$ and $(9, -5)$

2. Find the equation of the line passing through the given point with the indicated slope.
   Point $(6, -8)$, zero slope

3. Find the equation of the line passing through the given point with the indicated slope.
   Point $(7, -8)$, undefined slope

4. Find the equation of the line that passing through the given point with the indicated slope.
   Origin, zero slope

5. The slope of a line is $\frac{11}{14}$. What is the slope of any line parallel to this line?

6. Is the system parallel, perpendicular, or neither?
   $y = 5x$
   $2x = y - 3x + 8$

7. The slope of a line is $\frac{13}{14}$. What is the slope of any line perpendicular to this line?

8. Is the system parallel, perpendicular, or neither?
   $y + 2x = -4$
   $y = 2(x + 8)$

9. Find the equation of the line fitting the information given.
   Parallel to $-3x - 4y = -8$ and passing through the origin

10. Find the equation of the line containing the point (8, 1) and perpendicular to the line $y = -7x + 6$.

11. Find the equation of the line containing the point (2, 13) and perpendicular to the line $9x + 27y = -8$.

12. Find the equation of the line containing the point (2, –8) and parallel to the line $6x + y = -12$.

13. Find the equation of the line fitting the information given.
Perpendicular to $4x + 3y = -6$ and passing through $(-2,\ 1)$

Answer Key

1. $y = -5$
2. $y = -8$
3. $x = 7$
4. $y = 0$
5. $\frac{11}{14}$
6. parallel
7. $-\frac{14}{13}$
8. neither
9. $y = -\frac{3}{4}x$
10. $y = \frac{1}{7}x - \frac{1}{7}$
11. $y = 3x + 7$
12. $y = -6x + 4$
13. $y = \frac{3}{4}x + \frac{5}{2}$