

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Per: \_\_\_\_\_

## Write Equations in Slope-Intercept Form

### 5.2 Practice 3

Write the equation of the line that passes through each point with the given slope.

1.  $(-5, 4)$ ,  $m = -3$

2.  $(4, 3)$ ,  $m = \frac{1}{2}$

3.  $(2, -2)$ ,  $m = 3$

4.  $(1, 9)$ ,  $m = 4$

5.  $(4, 2)$ ,  $m = -2$

6.  $(3, 0)$ ,  $m = 5$

7.  $(-3, -2)$ ,  $m = 2$

8.  $(-5, 4)$ ,  $m = -4$

**Write the equation of the line that passes through each pair of points.**

**9.**  $(0, -4), (5, -4)$

**10.**  $(-4, -4), (4, 0)$

**11.**  $(-2, -3), (6, 5)$

**12.**  $(0, 1), (1, 3)$

**13.**  $(-3, 0), (1, -6)$

**14.**  $(1, 0), (5, -8)$

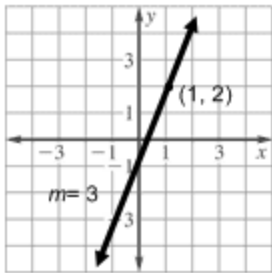
**15.**  $(1, 3), (-3, -5)$

**16.**  $(1, 4), (6, -1)$

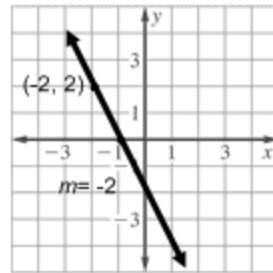
**17.**  $(1, -1), (3, 5)$

Write the equation of the line graphed.

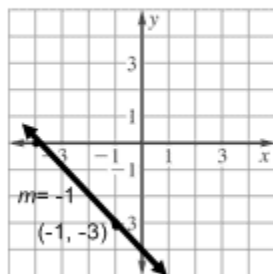
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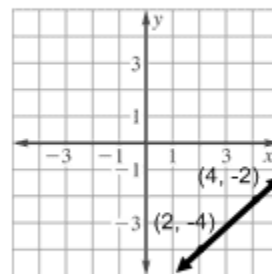
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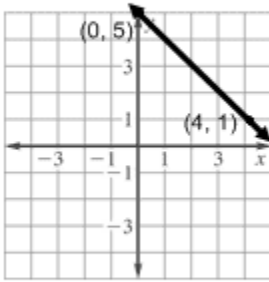
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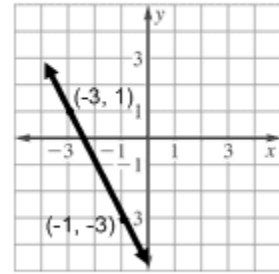
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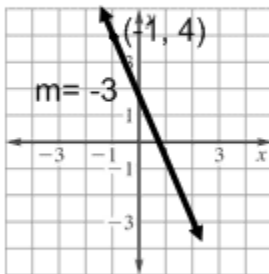
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24.



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