

Write the equation of the line in slope-intercept form given the slope and a point on the line.

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|--|---|
| 1. slope = $-\frac{1}{4}$ , point ( 0 , -3 ) | 2. slope = -1 , point ( 1 , -1 )                        |
| 3. slope = 2 , point ( 2 , 3 )               | 4. slope = 3 , point ( 0 , 4 )                          |
| 5. slope = -3 , point ( 4 , 5 )              | 6. slope = 1 , point ( 0 , 0 )                          |
| 7. slope = $\frac{1}{2}$ , point ( -1 , 1 )  | 8. slope = $-\frac{2}{3}$ , point ( $\frac{1}{2}$ , 3 ) |

9. Write the equation of the line that has a y-intercept of -2 and is parallel to  $3y = x - 9$ .

10. Write the equation of the line that passes through the point  $(2, 3)$  and is parallel to the line  $2y - 3x = 4$ .

11. Write the equation of the line that has the same slope as  $y + 3x = 7$  and the same y-intercept as  $y - 4x = 9$ .

12. Write the equation of the line that passes through the point  $(2, 1)$  and is parallel to the line  $2x - y = 8$ .