**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per.\_\_\_\_\_\_\_ Score:\_\_\_\_\_**

**U6 HWK #2** *Write Equations for Lines Given the Slope and a Point*

|  |  |
| --- | --- |
| 1. Graph a line that does the following:   Passes through the point (4, 3) and has a slope of 2.  Write the equation of the line that you drew. | 1. Graph a line that does the following:   Passes through the point (6, 3) and has a slope of .  Write the equation of the line that you drew. |

**Directions:** Write the equation for the line that has the given slope and contains the given point.

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| --- | --- | --- |
| * 1. slope = 1   passes through (3, 7) | * 1. slope =   passes through (3, 4) | * 1. slope = 5   passes through (6, 10) |
| 1. slope = 2   passes through (3, 1) | 1. slope = 5   passes through (-2, 8) | 1. slope =   passes through (0, 2) |

**Directions:** Write the equation of the line.

|  |  |
| --- | --- |
| Equation: | Equation: |