**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Writing an Equation of a Line with Slope**

1. Write the equation of a line with slope and the y-intercept is at . \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Write the equation of a line with y-intercept 5 and has a slope of . \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Write an equation of a line with zero slope and has a y-intercept of . \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. A graph crosses the y-axis at . If the slope of that line is , what is the equation of the line? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Write the equation of the given graphs in slope-intercept form ().**

1. .
2. .
3. .
4. .

**Write the equation for each line given the slope (m) and passes through the given point. Show your work! No work, no credit! Circle your final answer.**

1. ; passes through
2. passes through
3. ; passes through
4. ; passes through
5. ; passes through
6. passes through
7. ; passes through
8. and passes through