Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period :\_\_\_\_\_\_\_\_\_

Fill in each missing small box with the correct information about the equation being represented by each big box. Each big box represents a different equation. Highlight the slope in each representation in pink, and the y-intercept in yellow.

|  |  |
| --- | --- |
| **Equation**Point-Slope Form:Slope-Intercept Form:Standard Form: | **Graph**1 |
| **Table** | **Information**Slope: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Y-Intercept: \_\_\_\_\_\_\_\_\_\_\_Point on the Graph: (5, 8) |

|  |  |
| --- | --- |
| **Equation**Point-Slope Form:Slope-Intercept Form:Standard Form: | **Graph**3 |
| **Table** | **Information**Slope: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Y-Intercept: \_\_\_\_\_\_\_\_\_\_\_Point on the Graph: ( , ) |

|  |  |
| --- | --- |
| **Equation**Point-Slope Form:Slope-Intercept Form:$$y=3x-1$$Standard Form: | **Graph**2 |
| **Table** | **Information**Slope: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Y-Intercept: \_\_\_\_\_\_\_\_\_\_\_Point on the Graph: ( , ) |

|  |  |
| --- | --- |
| **Equation**Point-Slope Form:Slope-Intercept Form:Standard Form: | **Graph**4 |
| **Table**

|  |  |
| --- | --- |
| **x** | **y** |
| 2 | -3 |
| 4 | -1 |
| 6 | 1 |
| 8 | 3 |

 | **Information**Slope: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Y-Intercept: \_\_\_\_\_\_\_\_\_\_\_Point on the Graph: ( , ) |