Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_ Number: \_\_\_\_\_\_\_\_\_

# 4.3b Notes – Writing Equations from Tables and Graphs

Given the following tables, write the equation.

EX #1:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
| x | y |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

 | $y$-intercept: \_\_\_\_\_\_\_\_Slope: \_\_\_\_\_\_\_\_Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

EX #2:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
| x | y |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

 | $y$-intercept: \_\_\_\_\_\_\_\_Slope: \_\_\_\_\_\_\_\_Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Given the following graphs, write the equation.

EX #3:

|  |  |
| --- | --- |
|  | $y$-intercept: \_\_\_\_\_\_\_\_Slope: \_\_\_\_\_\_\_\_Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

 EX #4:

|  |  |
| --- | --- |
|  | $y$-intercept: \_\_\_\_\_\_\_\_Slope: \_\_\_\_\_\_\_\_Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |