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

Math 8 / 8H

**4.3b HW**

**For each problem, write an equation with the given slope and y-intercept.**

1. Slope , y-intercept
2. Slope , y-intercept
3. Slope , y-intercept
4. Slope , y-intercept

**Find the slope and y-intercept for each table, and then write an equation.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***x*** | 0 | 1 | 2 | 3 | 4 |
| ***y*** | 0 | 2 | 4 | 6 | 8 |

Slope: \_\_\_\_\_\_\_\_\_\_\_\_

-intercept: \_\_\_\_\_\_\_\_\_\_\_

Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***x*** | 1 | 2 | 3 | 4 | 5 |
| ***y*** | 1 | 3 | 5 | 7 | 9 |

Slope: \_\_\_\_\_\_\_\_\_\_\_\_

-intercept: \_\_\_\_\_\_\_\_\_\_\_

Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***x*** | 0 | 1 | 2 | 3 | 4 |
| ***y*** | 5 | 3 | 1 |  |  |

Slope: \_\_\_\_\_\_\_\_\_\_\_\_

-intercept: \_\_\_\_\_\_\_\_\_\_\_

Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***x*** |  |  |  | 0 |
| ***y*** | 7 | 5 | 3 | 1 |

Slope: \_\_\_\_\_\_\_\_\_\_\_\_

-intercept: \_\_\_\_\_\_\_\_\_\_\_

Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Find the slope and y-intercept for each table, and then write an equation.**

|  |  |
| --- | --- |
| C:\Users\nikki.mendenhall\Downloads\save.png | Slope: \_\_\_\_\_\_\_\_\_\_\_\_  -intercept: \_\_\_\_\_\_\_\_\_\_\_  Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

|  |  |
| --- | --- |
| C:\Users\nikki.mendenhall\Downloads\save (1).png | Slope: \_\_\_\_\_\_\_\_\_\_\_\_  -intercept: \_\_\_\_\_\_\_\_\_\_\_  Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |