Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table#: \_\_\_\_\_\_ Period: \_\_\_\_\_\_ Date: \_\_\_\_\_\_

**5.5B Slopes\_Classwork**

*Objective: Derive slope using graph and table (CC.SS.7.RP.2b) Hw: 5.5B HW*

WATCH “Slope Dude” <https://www.youtube.com/watch?v=avS6C6_kvXM>

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| --- | --- | --- | --- | --- |
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| --- | --- | --- | --- |
| **POSITIVE SLOPE**m = positive valuethe line rises from left to right | **NEGATIVE SLOPE**m = negative valuethe line falls from left to right. | **SLOPE OF ZERO** m = zero valuethe line is horizontal | **UNDEFINED SLOPE**m = no valuethe line is vertical |

 |

 **Use** $\frac{rise}{run}$ **to find the slope of the line.**

|  |  |  |
| --- | --- | --- |
|  **m =**   description:  |  **m =**  description:  |  **m =**  description:  |

|  |  |
| --- | --- |
|  **m =**  description:  |  **m =**  description:  |

 ***Use the table to find the slope (constant rate of change)***

|  |  |
| --- | --- |
| 6.**m =**  description:  | 7. **m =**  description:  |

|  |  |
| --- | --- |
| 1.   **m =**  description:  | 2.   **m =**  description:  |

|  |
| --- |
| 3. Use the table to find the slope (constant rate of change) **m =**  description:  |

|  |  |
| --- | --- |
| 4.  **m =**description:    | 5. **m =**  description:  |
| 6. **m =**  description:   | 7. **m =**  description:   |