**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per.\_\_\_\_\_\_\_**

**U4 CWK # 2** *Finding Slope from Graphs*

1. Do the graphs below have positive or negative slopes? How do you know?

|  |  |  |  |
| --- | --- | --- | --- |
| 1.
 | 1.
 | 1.
 | 1.
 |
| Positive or negative?  |  |  |  |
| 1. Explain how you know whether a line of a graph has a positive or negative slope.
 |

For each line graphed below,

* Draw a right triangle using the grid lines on the graph to help calculate the slope of the line.
* Label each triangle with a ratio and simplify the ratio 

|  |  |
| --- | --- |
| 1.

 | 1.

 |

For each line graphed below,calculate the slope of the line.

|  |  |
| --- | --- |
| 3.  | 4.  |

Directions: For each problem below, find the slope of the line. Remember to draw the slope triangle and label the rise and the run on the graph.

|  |  |
| --- | --- |
| 5.  | 6.  |
| 7.  | 8. |
| 9.  | 10.  |