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

**U4 HW # 4** *Finding Slope from Two Points*

Graph the following pairs of points. Use the graph to determine the slope.

|  |  |
| --- | --- |
| 1. (-4, 3) and (2, 6)

*m*=  | 1. (-1, 4) and (0, 1)

*m* =  |

Calculate the slope of the line connecting each pair of points. Show the formula you use and your work!

|  |  |
| --- | --- |
| 1. ( 1, 42) and (4, 40)
 | 1. (-21, -2) and (-20, -5)
 |
| 1. (3, -10) and (-6, -10)
 | 1. (10, -11) and (11, -12)
 |
| 1. (5, 1) and (-7, 13)
 | 1. (14, -3) and (14, -7)
 |
| 1. (8, 41) and (15, 27)
 | 1. (17, 31) and (-1, -5)
 |
| 1. (-5, 36) and (-4, 3)
 | 1. (32, -23) and (-6, -2)
 |



**Directions:** Using the graph above, identify the coordinate pair for each point.

1. K \_\_\_\_\_\_\_\_\_
2. F \_\_\_\_\_\_\_\_\_
3. B \_\_\_\_\_\_\_\_\_
4. E \_\_\_\_\_\_\_\_\_
5. A \_\_\_\_\_\_\_\_\_
6. L \_\_\_\_\_\_\_\_\_
7. M \_\_\_\_\_\_\_\_\_
8. I \_\_\_\_\_\_\_\_\_
9. J \_\_\_\_\_\_\_\_\_
10. P \_\_\_\_\_\_\_\_\_

Directions: Using the graph above, identify the letter of the point at each ordered pair.

1. (2, -1) \_\_\_\_\_\_\_\_\_\_
2. (-5, -5) \_\_\_\_\_\_\_\_\_\_
3. (6, 6) \_\_\_\_\_\_\_\_\_\_
4. (-4, 0) \_\_\_\_\_\_\_\_\_\_
5. (0, -5) \_\_\_\_\_\_\_\_\_\_
6. (4, -4) \_\_\_\_\_\_\_\_\_

Directions: Label the quadrant of the given coordinate point, using QI, QII, QIII, or QIV.

1. (-1, 5) \_\_\_\_\_\_\_\_\_\_
2. (-8, -3) \_\_\_\_\_\_\_\_\_\_
3. (10, 1) \_\_\_\_\_\_\_\_\_\_
4. (4 -7) \_\_\_\_\_\_\_\_\_\_