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

**U6 CWK #5** *Writing Equations for Lines, Mixed Review*

**Directions:** Write the equation in slope-intercept form for each line based on the information given.

1. The slope of the line is $-\frac{1}{2}$ and the *y*-intercept is$-$5.
2. The line has a slope of 4 and goes through the point (6, $-$1).
3. The line contains the points ($-$2, 7) and (3, $-$3).

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. The line contains the points in the table.

|  |  |
| --- | --- |
| *x* | *y* |
| 0 | $-$6 |
| 1 | $-$2 |
| 2 | 2 |
| 3 | 6 |

 | 1. The line contains the points in the table.

|  |  |
| --- | --- |
| *x* | *y* |
| 2 | 2 |
| 4 | 1 |
| 8 | $-$1 |
| 14 | $-$4 |

 |
| 1. The line graphed below.
 | 1. The line graphed below.
 |

1. ****The line graphed below. 9. The line graphed below.



 (Hint: identify 2 or more points) (Hint: identify 2 or more points)

**Review Graphing:**

|  |  |
| --- | --- |
| 1. The equation of the line is .

 | 1. The equation of the line is.
 |

|  |  |
| --- | --- |
| 1. The equation of the line is .

 | 1. The equation of the line is .

 |
| 1. The equation of the line is .

 | 1. The equation of the line is  .
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