**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 and the *y*-intercept is5.
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).

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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  . |