

5-2 Equations from Data

Name _____ Per. ____

1. Write the equation of the line in slope-intercept form that has a rate of change (m) of -3 and contains the point $(6, 5)$.

Equation: _____

2. Write the equation of the line in slope-intercept form that passes through the points $(12, 14)$ and $(12, 1)$.

Equation: _____

3. Write the equation of the line in slope-intercept form that passes through the points $(-6, 2)$ and $(5, 4)$.

Equation: _____

4. Write the equation of the line in slope-intercept form that represents the data from the following table:

Input	1	3	5	7	9	11
Output	1.5	4.5	7.5	10.5	13.5	16.5

Equation: _____

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