Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Spiral 3 Review Algebra II Honor

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| Solving Linear Equations and Inequalities |
| 1. Solve the equation written below.

 | 1. Solve the inequality given below. Show all work, then graph its solution.

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| Slope |
| 1. Find the slope between the two points given below.

(4, -7.52) & (6.25, -9.37) | 1. Find the value of *k* such that the slope between the two points is .

(5, -2) & (k, -5) |
| Graphing Linear Equations |
| 1. Given the two points below, find the slope, then write an equation in slope-intercept form.

(5, -10) & (-3, 12) | 1. Write an equation of the line through the points (-5, 9) & (4, -12).
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| 1. Sketch a graph of the line given below. Note all important features.

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| Absolute Value & Piece-Wise Functions |
| 1. Sketch a graph of the function:

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