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. |
| 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). |
| 1. Sketch a graph of the line given below. Note all important features. | 1. Sketch a graph of the line given below. Note all important features. |
| Absolute Value & Piece-Wise Functions | |
| 1. Sketch a graph of the function: | 1. Sketch a graph of the function: |