Algebra 2 Honors   Name_____

Homework – Data Distribution and Outliers

YOU MUST SHOW ALL YOUR WORK TO RECEIVE CREDIT!!

Remember that an outlier is a value that is much greater than or much less than the other values in a data set.

In the following problems identify any outliers in the data set. *Justify* your answers mathematically.

1. 70, 55, 54, 75, 60, 58, 55, 56, 6, 62, 68, 94, 55, 82, 69, 74

2. 18, 20, 22, 25, 16, 40, 24, 19, 38, 3, 21, 27, 88, 24, 23, 26

3. 50, 93, 81, 84, 88, 85, 90, 99, 92, 199, 96, 89, 87, 94, 37