

**PROBLEM-OF-THE-DAY: ALGEBRA 1****WEEK:** December 3 to December 7**DAY:** Friday

**RISD Objective:** Given a set of data, students will be able to construct a bar graph, line graph, circle graph, box-and-whiskers plot, or stem-and-leaf plot which represents the data.

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**PROBLEM #72**

Construct a stem-and-leaf plot for the given information.

A stem-and-leaf plot is a display of frequency distribution that organizes data.

Complete a stem and leaf plot for the following list of grades on a math test.

65, 82, 65, 80, 76, 69, 80, 71, 90, 98, and 99.

1. Draw a stem-and-leaf table
2. List stem in numerical order
3. List leaf values in increasing order
4. Give a key for the graph

## MODEL SOLUTION #72

<b>Stem</b>	<b>Leaf</b>
6	5, 5, 9
7	1, 6
8	0, 0, 2
9	0, 8, 9

**Key: 6 | 5 means 65**