

Lesson on Measures of Central Tendency
Interactive Range, Mean, Mode and Median
Note to Teachers

Grade Level - 7th grade enriched and 8th grade.

Approximate time - 40 minutes, depending on level.

Skills practiced - Finding the range, mean, mode and median (basic operations), algebra for some of the problems in the Advanced Mean section.

NYS Standards covered - Operations, Number and Numeration, Measurement, Patterns and Functions, and Mathematical Reasoning.

Note: Depending of the level of your class, this lesson may take a longer or shorter period of time. Students have twenty five problems to solve. They should work in pairs with calculators. The work for Median and Advanced Mean should be shown on the student handout. You need to have introduced these concepts already.

Examples such as the one below should have been taught to students if you want to successfully review the section called Advanced Mean.

Ex: A student has the following quizzes so far in Spanish class: 90, 88, 75, and 99. What does the student need on the fifth quiz to obtain an average of 90? (Answer is 98).