Activity 5 Assessment
Measures of Central Tendency

Determining the Measures of Central Tendency

Reads and interprets data displays to determine mode and median	Determines the mean value as the average measure	Compares measures of central tendency for two related sets of data	Fluently and flexibly finds the mode, mean, and median and explains what each indicates
Number of glasses of water students in a Grade 5 class drink in a day: 2, 3, 3, 3.5, 4, 4, 4, 4.5, 5.5, 6 • mode: 4 glasses • median: 4 glasses	Number of glasses of water students in a Grade 5 class drink in a day: 2, 3, 3, 3.5, 4, 4, 4, 4.5, 5.5, 6 2 + 3 + 3 + 3.5 + 4 + 4 + 4 + 4.5 + 5.5 + 6 = 39.5 39.5 ÷ 10 = 3.95 • mean: 3.95 glasses	Grade 5: • the mode: 4 glasses • the median: 4 glasses • the mean: 3.95 glasses Grade 1: • mode: 2 glasses • median: 2.25 glasses • mean: 2.45 glasses "Grade 5 students drink more glasses of water per day than Grade 1 students."	• mode: 4.5 glasses • median: 4.25 glasses • mean: 4.05 glasses "The mode is the most frequent number; the median is the middle number, and the mean is the average number. All measures are very close. Any of the measures can represent the data."

Observations/Documentation