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| **Determining the Measures of Central Tendency** | | | |
| Reads and interprets data displays to determine mode and median  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 | Determines the mean value as the average measure  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 | Compares measures of central tendency for two related sets of data  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.” | Fluently and flexibly finds the mode, mean, and median and explains what each indicates  • 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** | | | |
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