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| **Comparing Measures of Central Tendency** | | | |
| Orders numbers from least to greatest  14, 19, 23, 27, 28, 33 | Determines the mode and the median for a set of data  There is no mode.  The median is:  (23 + 27) ÷ 2  = 50 ÷ 2  = 25 | Determine the mean for the data set  14, 19, 23, 27, 28, 33  The mean is:  (14 + 19 + 23 + 27 + 28 + 33) ÷ 6  = 144 ÷ 6  = 24 | Suggests and justifies the choice of measure to represent a data set  A person spent these amounts for 4 weekly grocery bills:  $174, $196, $205, $220  There is no mode.  In dollars, the mean is:  (174 + 196 +205 + 220) ÷ 4  = 795 ÷ 4  = 198.75  In dollars, the median is:  (196 + 205) ÷ 2  = 401÷ 2  = 200.50  Since the mean and median are so close in value, either measure could represent the data. |
| **Observations/Documentation** | | | |
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