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| **Comparing Measures of Central Tendency** |
| Orders numbers from least to greatest14, 19, 23, 27, 28, 33 | Determines the mode and the median for a set of dataThere is no mode. The median is:  (23 + 27) ÷ 2= 50 ÷ 2= 25 | Determine the mean for the data set14, 19, 23, 27, 28, 33The mean is:  (14 + 19 + 23 + 27 + 28 + 33) ÷ 6= 144 ÷ 6= 24 | Suggests and justifies the choice of measure to represent a data setA person spent these amounts for 4 weekly grocery bills: $174, $196, $205, $220There 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= 200.50Since the mean and median are so close in value, either measure could represent the data.  |
| **Observations/Documentation** |
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