

Name: _____

Date: _____

Algebra 1

Band: _____

Measures of Central Tendency and Dispersion Homework

LT#2: Find mean, median, mode, and range.

1. The lengths of Ana’s last six phone calls were 3 min, 19 min, 2 min, 44 min, 120 min, and 4 min. Greg’s last six phone calls were 5 min, 12 min, 4 min, 80 min, 76 min, and 15 min. Find the mean, median, mode, and range of Ana’s calls and Greg’s calls. Use your results to compare each person’s phone call habits.

2. The table shows a basketball player’s scores in five games. How many points must the basketball player score in the next game to achieve an average of 13 points per game?

Game	Points
Westlake	10
Davis	14
Mason	8
Leeberg	18
Warren	11

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3. You and a friend weigh your loaded backpack every day for a week. The results are shown in the table. Find the mean, median, mode, and range of the weights of your backpack and your friend's backpack. Use your results to compare the backpack weights.

Day	Weight (lbs)	
	Yours	Friend
Monday	13.5	12.6
Tuesday	12.2	13
Wednesday	13.2	12.8
Thursday	11.6	11.6
Friday	10.5	12.5

4. Over six months, a family's electric bills averaged \$55 per month. The bills for the first five months were \$57.60, \$60, \$53.25, \$50.75, and \$54.05. What was the electric bill in the sixth month? Find the median, mode, and range of the six electric bills.