

The Bulldogs kept track of their scores from their last 7 basketball games. Use the scores in the table below to answer each question.

| Game | Score |
|--------|-------|
| Game 1 | 92 |
| Game 2 | 97 |
| Game 3 | 83 |
| Game 4 | 44 |
| Game 5 | 85 |
| Game 6 | 92 |
| Game 7 | 81 |

1. What is the mean or average points the Bulldogs score at a basketball game?

Step 1: Add up all the scores in the data set.

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

Step 2: Divide the sum by the number of values or games in the data set

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

The mean is .

2. What is the median number of points the Bulldogs score at a basketball game?

Step 1: Order the numbers from least to greatest

$$\underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}$$

Step 2: Cross off the ends and work your way towards the middle.

The median is .

3. Why are the two measures of centers (the mean and median) different?