

12-3 Measures of Central Tendency and Dispersion

The data below represent the pulse rates of different people who visited the doctor on a particular day. Use these numbers to answer the questions below. Show your work/logic clearly!

76, 72, 88, 60, 72, 68, 80, 64, 68, 68, 80, 76

1. Find the mean of the data. Show your work, and round to the nearest tenth if necessary.

(2)

2. Find the median of the data. Show your work!

(2)

3. Find the mode(s) of the data.

(1)

4. Find the range of the data. Show your work

(2)

5. Graham is a salesman. His total sales on the first four days of the week were \$1280, \$1125, \$965, and \$1210. How much must he have in sales on the 5th day to average \$1150 for the week?

(3)