

Measures of the Center – Homework - Key

1. Find the mean (by hand) of the following data: 7, 15, 23, 35, 42, 81

(round to 2 decimal places if necessary)

Ans: 33.83

2. Find the median (by hand) of the following data: 1, 5, 101, 35, 42, 51, 87

Ans: 42

3. Find the median (by hand) of the following data: 2, 12, 4, 8, 32, 40

Ans: 10

4. Determine if mean or median is the better measure of center to use for the following data: 52, 61, 72, 75, 75, 77, 81, 83, 83, 85, 99, 100

Ans: Mean

5. Find the midrange of the following data: 5, 2, 81, 105, 310, 405, 782, 7, 12

Ans: 392

6. Given the following data, find the mean, median, and mode:

5, 5, 7, 9, 13, 21, 27, 31, 45

(round to 2 decimal places if necessary)

Ans: 18.11, 13, 5

7. Given the following data, find the mean, median, and mode:

82, 83, 91, 91, 153, 172

(round to 2 decimal places if necessary)

Ans: 112, 91, 91