

Notes 12.2 Measures of Central Tendency

To find the mean, (\bar{x}) , and the median of a set of data on a graphing calculator, follow these steps:

1) *Consumer Reports* magazine gave the following data for the number of calories in a meat hot dog for each of 17 brands:

173, 191, 182, 190, 172, 147, 146, 138, 175, 136, 179, 153, 107, 195, 135, 140, 138

Find the mean, median, mode, and midrange for the number of calories in a meat hot dog for the 17 brands.

2) Find the mean, median, mode, and midrange of the given stem and leaf plot:

Stem	Leaf
3	1,2,4,4,9
4	0,1,2,2,6
5	7,7,9

3) Find the mean, median, mode, and midrange of the given frequency distribution:

HW Score x	Frequency f
4	2
5	1
6	4
7	5
8	7
9	2
10	3

To find the mean, (\bar{x}) , and the median of a frequency distribution on a graphing calculator, follow these steps:

4) Find the mean, median, mode, and midrange of the given frequency histogram:

