

NAME _____

HW # _____

Directions: If necessary, round all values to the tenth.

1. Find the mean absolute deviation for the set {34, 32, 30, 27, 38}

| Data | Data - Mean | Data - Mean |
|------|-------------|-------------|
| | | |
| | | |
| | | |
| | | |
| | | |

M.A.D. = _____

2. Samantha wanted to calculate the mean absolute deviation of the speed of cars driving by on a busy highway. She watched the sign showing speed as the cars drove by. The five cars she recorded registered speeds of 65, 72, 76, 68, 79.

a. Help Samantha calculate the mean absolute deviation. of these cars. (Hint: make your own table to calculate).

b. Write a sentence stating the meaning of the M.A.D. that Samantha calculated.

3. Robert was trying to find the mean absolute deviation of the attendance at the town hall meetings. He found the totals {6, 8, 8, 12, 16}. Help Robert calculate the mean absolute deviation.