Intro to Statistics Classwork/Homework Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Measures of Central Tendency: Mean, Median, and Mode

Warm-up: sort the data below in order from lowest to highest value for each column:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Happiness (1-10) | Excitement (1-10) | Distance from School (mi) | OLDEST age (yrs) | YOUNGEST age (mo) |
| 9 | 10 | 2.54 | 84 | 5 |
| 10 | 10 | 3 | 93 | 8 |
| 6 | 7 | 3 | 101 | 2 |
| 4 | 4 | 10 | 82 | 10 |
| 8 | 6 | 10 | 94 | 2 |
| 2.5 | 7.3 | 3 | 103 | couple month |
| 8 | 5 | 10 | 89 | 2 |
| 2 | 2 | 10 | 93 | 10 |
| 1 | 1 | 10 | 89 | 2 |
| 1 | 1 | 15 | 99 | 12 months |
| 8 | 5 | 7 | 89 | 2 |
| -45 | -2 | 2 | 95 | 2 |
| 8 | 3 | 1 | 70 | 5 |
| 4 | 4 | 3 | 90 | couple months |
| 1 | 1 | 15 | 102 | 8 |
| 4 | 2 | 5 | 99 | 2 Weeks |
| 4 | 9 | 2 | 86 | 11 |
| 2 | 1 | 15 | 76 | 2 years |
| 5 | 2 | 5 | 86 | 5 |
| 4 | 2 | 5 | 103 | 2 Weeks |

Mean:

Median:

Mode:

Do you remember “mean, median, and mode?” Notes:





Classwork/homework (you’re welcome to do this on a separate page so as to retain your notes):

1. Find the mean, median, and mode for each of the variables in the class data set.

2. Answer the questions about salary below:

