

## Activity 4 Worksheet

### More 3 M's

*Working with central tendencies of data (mean - median - mode) is useful because it reduces data for easier managing. Think of some data you are interested in studying. Perhaps the temperatures of cities you are considering for a vacation or for relocation would be one example. Which cities have consistent temperatures? Which cities have temperatures that vary greatly over twelve months? How does this statistical data fit into your vacation plans?*

*List several collections of data that you find interesting. Figure out, make up, or otherwise obtain the details of the data and calculate the mean, median, and mode. Are these three attributes all very similar in value? If so, why do you think this happens? If not, why do you think the attributes vary. Try to collect or build at least one set of data for which the "3 M's" are dissimilar or "skewed."*

Description of Data: \_\_\_\_\_

Values: \_\_\_\_\_

Mean: \_\_\_\_\_ Median: \_\_\_\_\_ Mode: \_\_\_\_\_

Description of Data: \_\_\_\_\_

Values: \_\_\_\_\_

Mean: \_\_\_\_\_ Median: \_\_\_\_\_ Mode: \_\_\_\_\_

Description of Data: \_\_\_\_\_

Values: \_\_\_\_\_

Mean: \_\_\_\_\_ Median: \_\_\_\_\_ Mode: \_\_\_\_\_

Description of Data: \_\_\_\_\_

Values: \_\_\_\_\_

Mean: \_\_\_\_\_ Median: \_\_\_\_\_ Mode: \_\_\_\_\_