Name: _____   Date: _____

Learning Goal 1.2	Measurements of Data.

There are three main measures of central tendency:

    Mean   Median   Mode

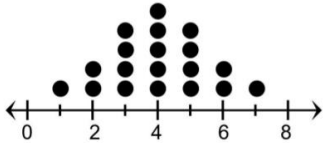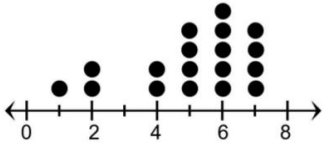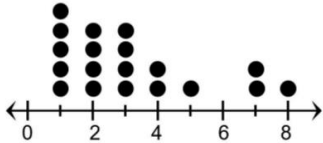If you were to drive (or be driven) to school, how long would it take?

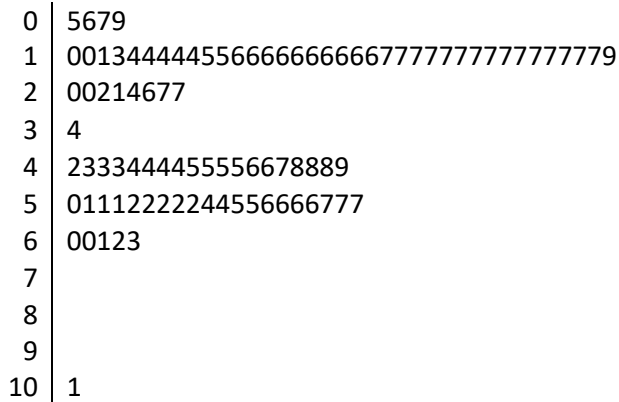   Mean   Median   Mode

What about for this random data?

Mean			
Median			
Mode			

As we can see, these measures are not all created equal! So
- The mean is the best measure of centre when

- The median is the best measure of centre when

Once more, here is the stemplot of all the ages of people living in your houses. Calculate the mean, median and mode.

```
 0 | 5679
 1 | 0013444445566666666667777777777777779
 2 | 00214677
 3 | 4
 4 | 2333444455556678889
 5 | 01112222244556666777
 6 | 00123
 7 |
 8 |
 9 |
10 | 1
```

Key: 1|7 is a person who is 17 years old and lives in one of your houses.

What happens to each of these values if you leave out the outlier?