

Lesson 9-3 : Frequency tables/Dot plots

SWBAT: Analyze a set of data by creating various charts

**Frequency Table:**

- Lists each item in a data set with \_\_\_\_\_.
- Just make a list of data items and put tally marks next to each item.

Favorite color

Frequency Table

Number of siblings

Frequency Table:

**Dot Plot:**

- Shows the data by \_\_\_\_\_.
- Each dot represents its own separate piece of data!!!!

Ex:

Favorite season

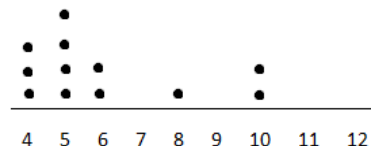
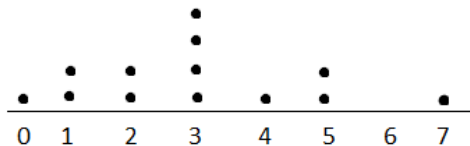
Dot Plot

Number of pets

Dot Plot

Spring   Summer   Fall   Winter

1. Find the mean, median, mode and range from this dot plot:



2. Find the mean, median, mode, and range from this data set:

1, 3, 5, 4, 2, 6, 8, 27

What did you notice from this set of data?

- The number 27 is \_\_\_\_\_.
- This number is what is called an outlier!
- Outlier- \_\_\_\_\_.
- What effect does the outlier have on this set of data? Find the mean without it!!