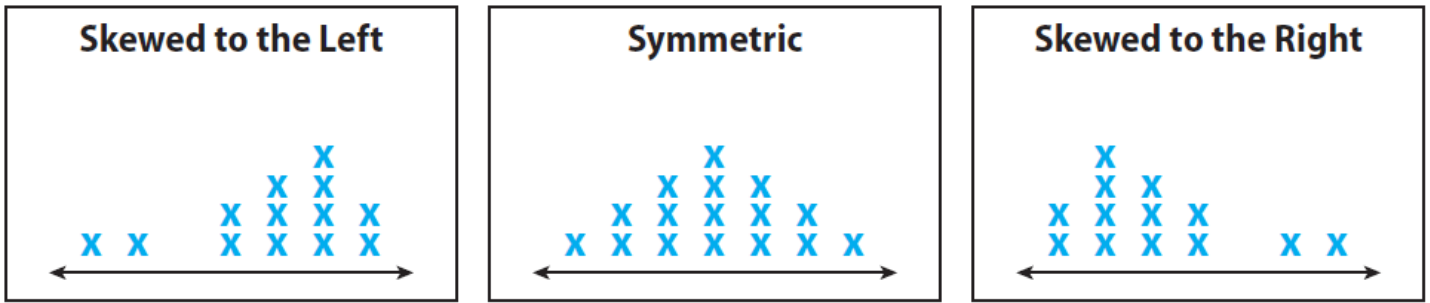


## Distributions



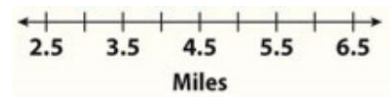
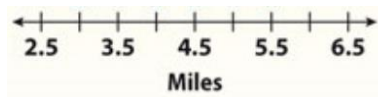
**The tail of the data, tells you how it is skewed.**

The data table shows the number of miles run by members of two track teams during one day.

<b>Miles</b>	3	3.5	4	4.5	5	5.5	6
<b>Members of Team A</b>	2	3	4	4	3	2	0
<b>Members of Team B</b>	1	2	2	3	4	6	5

Make the dot plot for Team A.

Make the dot plot for Team B.



1) State the distribution for Team A and Team B by looking at the dot plots.

Team A (circle): Skewed Left,   Symmetric,   Skewed Right

Team B (circle): Skewed Left,   Symmetric,   Skewed Right

2) Find the mean and median for Team A.  $\bar{x}$  =                      median =

a) What do you noticed about the mean and median for Team A?

b) What do you know about the mean and median of a Symmetric distribution?

