

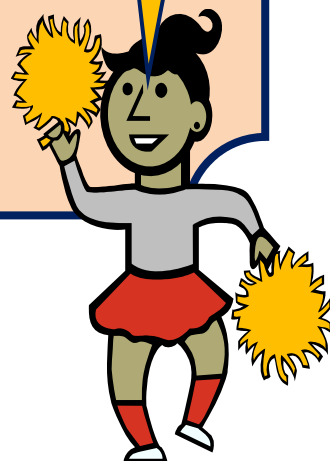
9.1 (pg. 392) Introduction to Statistics



Statistics is the science of collecting, organizing, analyzing and interpreting data.

A statistical question is one for which you do not expect to get a single answer.

Go
Math
Go!!!



Dot Plot- uses a number line to show the number of times each value in a data set occurs.

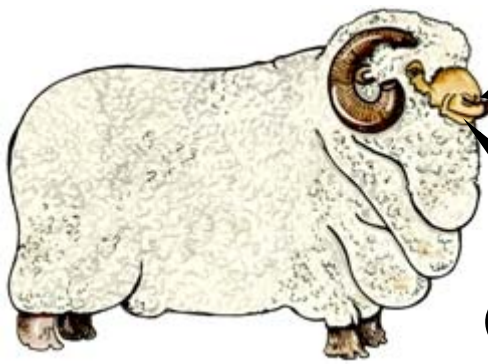
Dot Plots show the ***spread*** and the ***distribution*** of a data set.

How to make a Dot Plot:

Step 1: Draw and label a number line.

Step 2: Place as many •'s above each number as there are responses for that number.

Step 3: Describe or analyze the data.



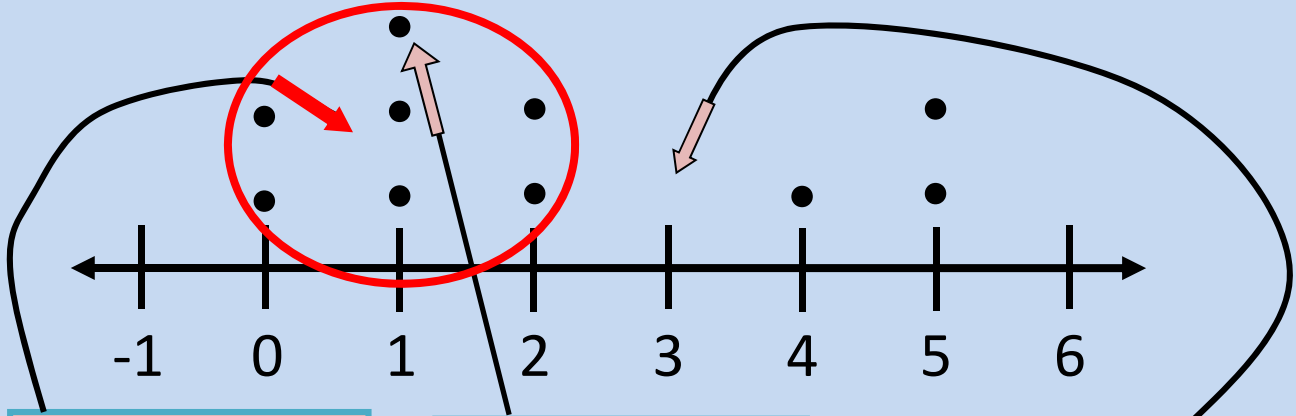
What do you call
a boomerang
that won't come

A stick!!

What?



Data: 0 0 1 1 1 2 2 4 5 5



Cluster- data close together

Peak- highest point

Gap- empty space

Analyze- the data (use observations to describe and compare data)

- Most of the data are clustered around 1.
- There is a peak at 1.
- There is a gap at 3.

Maybe a dingo ate your homework

