

Name \_\_\_\_\_

Date \_\_\_\_\_

## **Inquiry, Accuracy and Precision Guided Notes**

- Science is a way of thinking, questioning and \_\_\_\_\_
- Scientists first observe then \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- What is inductive reasoning?
  
- Line graph is used for:
  
- Bar graph is used for:
  
- Pie graph is used for:
  
- How close you are to the true or accepted value is called \_\_\_\_\_.
  
- How close measurements are to one another is called \_\_\_\_\_.

**DRAW:**

**NOT accurate NOT precise**

**Precise NOT Accurate**

**Both Precise AND Accurate**

- What variable is MANIPULATED OR CHANGED? \_\_\_\_\_
- What variable is MEASURED? \_\_\_\_\_
- What do you call FACTORS that remain the same in an experiment?  
\_\_\_\_\_
- \_\_\_\_\_ affects  
\_\_\_\_\_
- Qualitative is \_\_\_\_\_
- Quantitative is \_\_\_\_\_
  
- D =
- R =
- Y =
- M =
- I =
- X =
- When can theories be changed?
- What are 3 factors of a good science experiment?
  - 1.
  - 2.
  - 3.

\* What is the difference between inquiry and technological design?