When is it an observation and when is it inference?
DEFINITIONS

**Observation**

- **Facts that are seen or noted with the senses.**
- **Example – The tree is green and brown.**

**Inference**

- An assumption or guess made based on observations.
- Example – Trees have green leaves.
OBSERVATION OR INFERENCE?

• This is ocean water.
OBSERVATION OR INFERENCE?

- The glass is 75% full of clear liquid.
- These people are friends.
TWO TYPES OF OBSERVATIONS

**Quantitative**
- Observations that use numbers.
  - Example – The mass of the notebook is 365 grams.

**Qualitative**
- Observations that are descriptive.
  - Example – The notebook is large in size, blue, and smooth textured.
WRITE 2 OBSERVATIONS (1 QUANTITATIVE & 1 QUALITATIVE) AND 2 INFERENCES ABOUT THIS IMAGE.
INDEPENDENT PRACTICE: WORKSHEET

• On your O & I Worksheet

• Write 3 or more sentences about what happened in the cartoon

• Complete Questions 2, 4, and 5 (A-K)

• When you finish:

• Turn in your I & O worksheet and work on reading or other work quietly.
OBSERVATION OR INference? (BE PREPARED TO EXPLAIN WHY.)

• All Butterflies are colorful.