Observations and Inferences

Observation:

- recognizing a *FACT* to gather information about the world
  - Observations made using your <u>five senses</u>
  - Observations <u>must be</u> <u>*specific*</u> and <u>*accurate*</u> so that it means the same to everyone.

    - Example*:*
      - Incorrect - the burning bag smelled "*nasty*"
      - Correct - the burning bag smelled "*similar to rotten eggs*"

Observations and Inferences

1. **Qualitative observations**

– factual descriptions that do not use numbers

- Example: Phil has blue eyes

2. **Quantitative observations**

– factual descriptions that do use numbers

- Example: Phil has two eyes

Observations and Inferences

Inference:

a <u>possible explanation</u> or guess about an observation

– Example: you leave the movie theater and see the ground is wet so you infer that it rained.
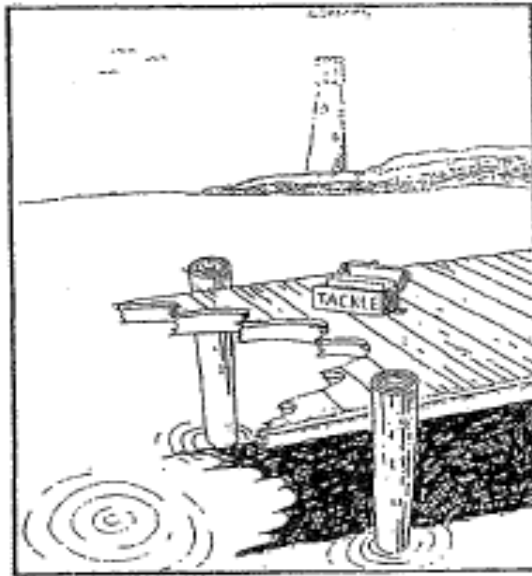
Position 1

Position 2

Position 3

For each position below, list 2 observations and 1 inference in your notebook.
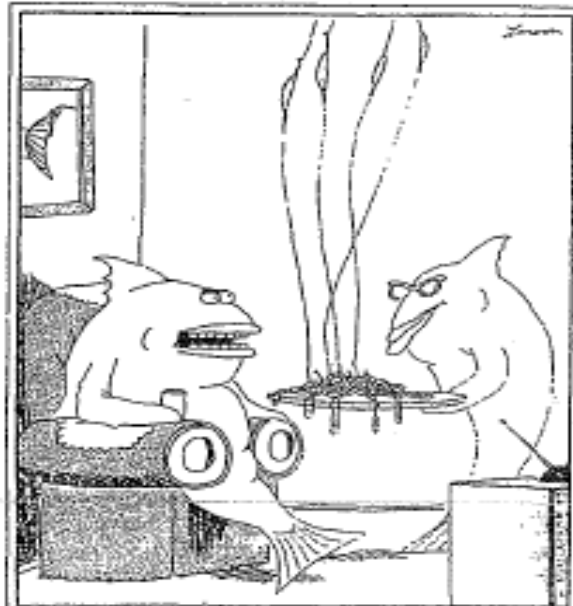
Make 1 observation and 1 inference about each cartoon

3.

Observation:

Inference:

4.

Observation:

Inference: