

# Observation/Inference

## Observations

- Qualitative
  - made with the human senses
    - Sight
    - Sound
    - touch
    - Taste
    - Smell
- Quantitative
  - count objects or take measurements
- Measurements include:
  - Number
  - Unit

## Inference

- Educated guesses based on observations

## Observation or inference?

- The candle is red
- The candle is using oxygen
- The flame is yellow
- The candle is cylindrical
- The flame is giving off carbon dioxide
- Wax is dripping down the candle
- The candle is 4 inches high