

# Quiz Review





# Qualitative vs. Quantitative

- Characteristics
- What are the differences?
  - One has a number and the other doesn't
- How can you remember which is which?
  - Quality and quantity
  - Quantity has a N = number



# Matter vs. Energy

What is the difference?

- Most things are matter
- Matter has mass and takes up space

How can you tell them apart?

- You can touch matter but not energy
  - Lightbulb is matter, but the light coming from it is energy









# Physical and Chemical Properties

## CHEMICAL



Oxidation (Rust)

## PHYSICAL



Melting Point (water)

- Both are characteristics that can be described
- How can you tell them apart?
  - Physical properties describe what you can see and measure.
  - Chemical properties describes how it can react
    - Unable to see or measure without causing a chemical reaction





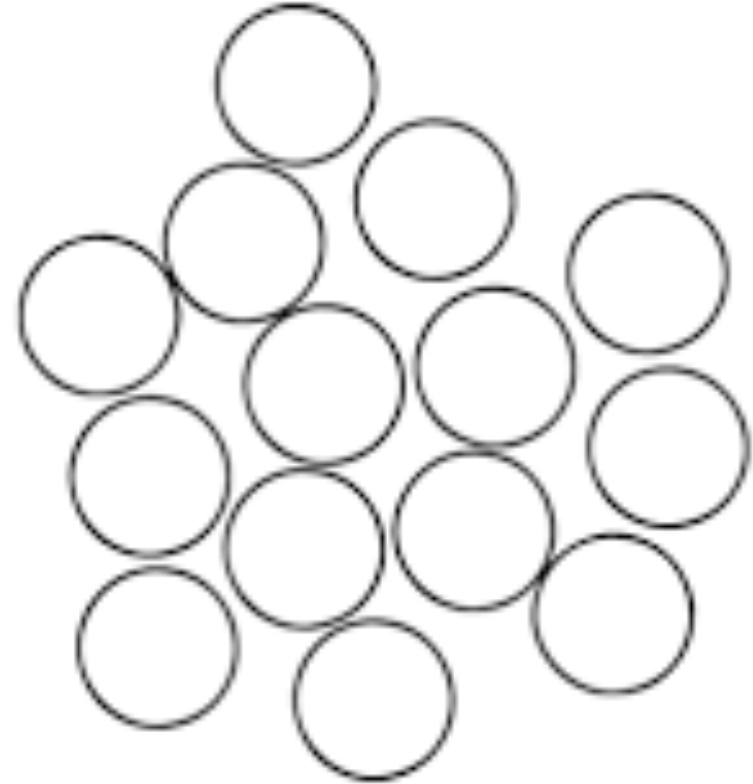
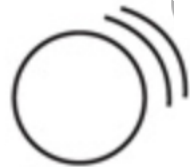


# Tuesday Activity Prep



# Particle = a small portion of matter

- Matter is made up of extremely tiny particles called **atoms and molecules**
- The term “particle” is used as a general term for both
- Often drawn as a ball/circle
- Use lines to indicate motion  
1=low, 2=med, 3 high



# Supplies for Tuesday

- **Have supplies ready at the start of class**
  - Water in small cup
  - Dropper
    - Or something to dip into water and the water will fall off (a **fork** will work)
  - 2 popsicle sticks
    - A **butter knife** will work
  - **Wax paper** or **Parchment paper**
  - 1-2 large index card (5 × 8")
    - or another relatively firm, flat surface
  - Tape (optional)