

## **Section 1 Notes: What is Magnetism?**

### Properties of Magnets:

- Magnet: any material that attracts iron and materials that contain iron
- Discovered in Magnesia, Greek over 2,000 year ago
  - This unusual rock contained a mineral called magnetite
    - Magnetite attract materials containing iron
    - They attract or repelled other magnetic rocks
- Magnetism: The attraction or repulsion of magnetic material
- Magnets will always point north when allowed to swing freely
- Three properties of magnets:
  1. Attract iron and materials that contain iron
  2. Attract or repel other magnets
  3. One part of the magnet will always point north when allowed to swing freely

### Objective:

Objective: