

Name \_\_\_\_\_

## Magnet Magic: Unveiling the Two Main Types of Magnets

### Multiple Choice Questions

1. What are the two main types of magnets?
  - a) North and South magnets
  - b) Solid and Liquid magnets
  - c) Permanent and Electromagnets
  - d) Natural and Synthetic magnets
  
2. What is the key difference between permanent magnets and electromagnets?
  - a) Permanent magnets are always stronger.
  - b) Electromagnets require a continuous flow of electric current.
  - c) Permanent magnets can change their polarity.
  - d) Electromagnets cannot be turned on or off.
  
3. Which materials are commonly used to make permanent magnets?
  - a) Aluminum and copper
  - b) Iron, nickel, and cobalt
  - c) Gold and silver
  - d) Plastic and wood
  
4. What happens when two like poles of a permanent magnet are brought close together?
  - a) They attract each other.
  - b) They repel each other.
  - c) They do nothing.
  - d) They stick together permanently.
  
5. Which type of magnet can be precisely controlled by adjusting the electric current?
  - a) Permanent magnets
  - b) Electromagnets
  - c) Ferromagnetic magnets
  - d) Natural magnets

