

Name \_\_\_\_\_

## Understanding the Difference

### Multiple Choice Questions

1. What distinguishes simple machines from complex machines?
  - a. The number of parts they have
  - b. Their size and weight
  - c. Their color and appearance
  - d. The complexity of tasks they perform
  
2. How many primary types of simple machines are there?
  - a. 2
  - b. 4
  - c. 6
  - d. 8
  
3. Which simple machine is characterized by a triangular shape and a sharp edge?
  - a. Pulley
  - b. Screw
  - c. Wedge
  - d. Lever
  
4. What is the primary function of complex machines?
  - a. To perform basic tasks efficiently
  - b. To serve as building blocks for simple machines
  - c. To complete complex and specialized functions
  - d. To replace simple machines in everyday tasks
  
5. What is the mechanical advantage of simple machines primarily related to?
  - a. The number of parts they have
  - b. Their complexity
  - c. Their ability to change the direction of force
  - d. Their ability to amplify force or reduce the force required

