

Name _____

Introduction to Simple Machines

Multiple Choice Questions

1. What is the main role of simple machines in modern technology and industry?
 - a. They create complex machines.
 - b. They provide mechanical advantages.
 - c. They power electronic devices.
 - d. They generate electricity.

2. Which type of simple machine is commonly used in elevators and cranes?
 - a. Lever
 - b. Pulley
 - c. Screw
 - d. Inclined plane

3. How do simple machines contribute to the efficiency of manufacturing processes?
 - a. By reducing the need for skilled labor
 - b. By automating all tasks
 - c. By streamlining production processes
 - d. By increasing the cost of production

4. What is the primary function of a wedge as a simple machine?
 - a. To reduce friction
 - b. To amplify force
 - c. To concentrate force at a sharp edge
 - d. To change the direction of a force

5. In which industry are simple machines like plows and tractors commonly used?
 - a. Manufacturing
 - b. Construction
 - c. Agriculture
 - d. Transportation

