

Name _____

Introduction to Simple Machines

Short Answer

1. Give an example of a simple machine used in modern medical technology and explain its role.
2. Describe how simple machines contribute to the efficiency of transportation systems, such as automobiles.
3. Explain how a lever can amplify force or increase the distance over which a force is applied.
4. Provide an example of a complex machine used in manufacturing and identify the simple machines within it.
5. How do inclined planes reduce the force required to move objects, and where can they be commonly found?

