

REVIEW

9

SECTION 9.2

Simple Machines

1. **Name** an example of each of the following types of simple machines:

- _____ a. lever
- _____ b. wedge
- _____ c. pulley
- _____ d. wheel and axle
- _____ e. inclined plane
- _____ f. screw

2. **Draw** the three types of levers, and label the input force, output force, and fulcrum on each.

First-class lever	Second-class lever	Third-class lever

3. **Compare** a wedge and a screw with an inclined plane.

4. **Describe** how an inclined plane increases the force without changing the amount of work done.

5. **Explain** how a wheelbarrow is a compound machine.
