Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_

**Simple Machines Quick Check**

# 1. Give an example of work being done: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# 2. For work to be done on an object, it must \_\_\_\_\_\_\_\_\_\_\_\_\_ some \_\_\_\_\_\_\_\_\_\_\_.

# 3. What is the formula for work: Work = \_\_\_\_\_\_\_\_\_\_\_ x\_\_\_\_\_\_\_\_\_\_

4. Work is measured in \_\_\_\_\_\_\_\_\_\_\_

5. If you exert a force of 7 newtons to push a table 5 meters, how much work did you do on the desk?

6. A machine’s \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the number of times a force exerted on a machine is multiplied by the machine.

7. What simple machine is an incline plane wrapped around a central cylinder\_\_\_\_\_\_\_\_\_\_\_\_

8. A tooth is an example of a \_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ machine utilizes two or more simple machines.

10. The fixed point that a lever rotates around is called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.