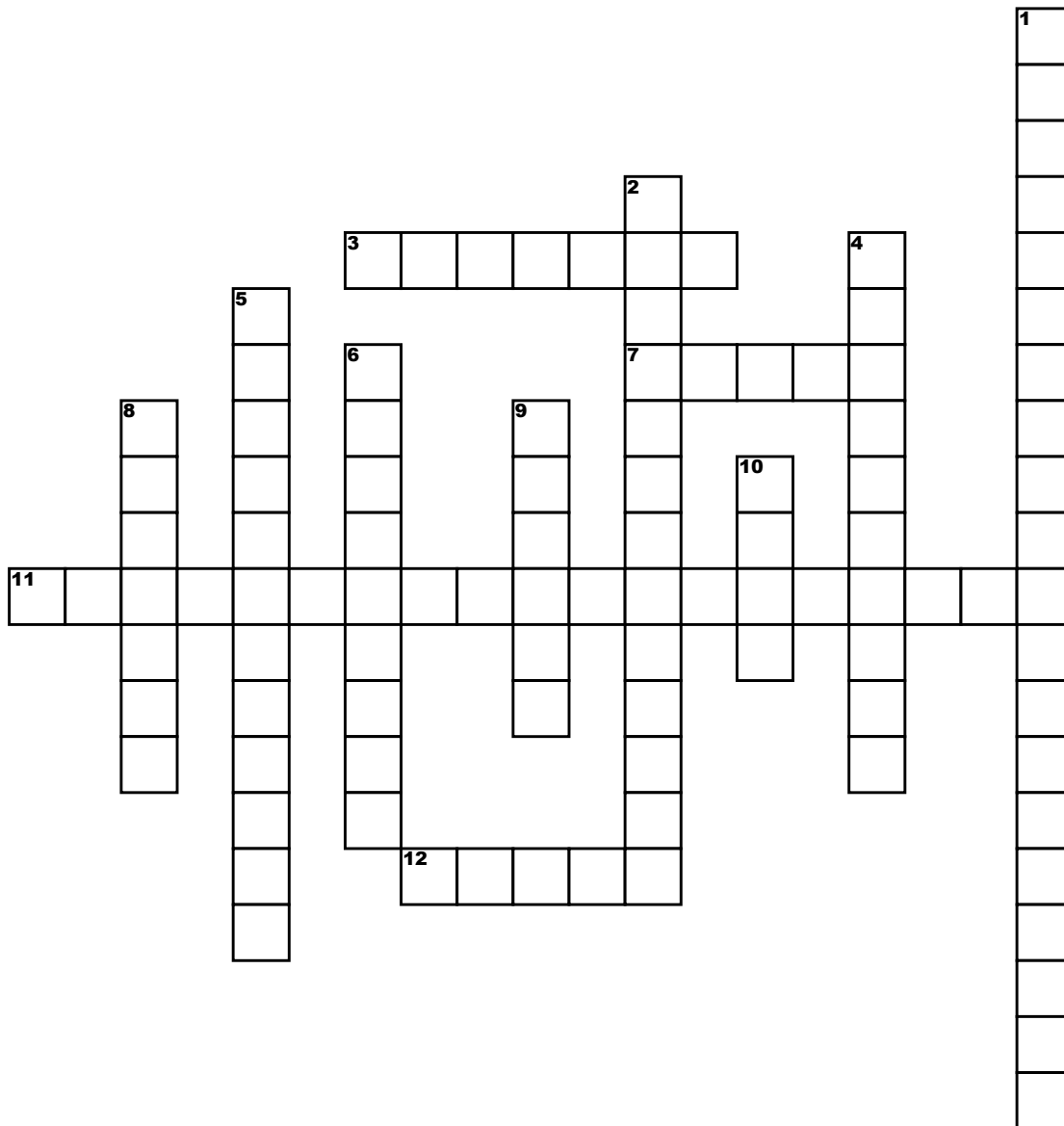


Name: _____

Date: _____

Machines



Across

3. Any device that helps people do work by changing the way work is done

7. A simple machine that has a bar that pivots at a fixed point

11. The number of times the machine multiplies the input force

12. A pair of inclined planes that move

Down

1. A comparison of a machine's work output with the work input

2. A simple machine that is a straight, slanted surface

4. The work done by the machine on an object

5. A simple machine that is made of a wheel connected to a smaller cylindrical object

6. The work you do on a machine

8. The fixed point on a lever is called?

9. A simple machine that has a grooved wheel that holds a rope or a cable

10. Levers are used to apply a force to move an object. What is this force called?