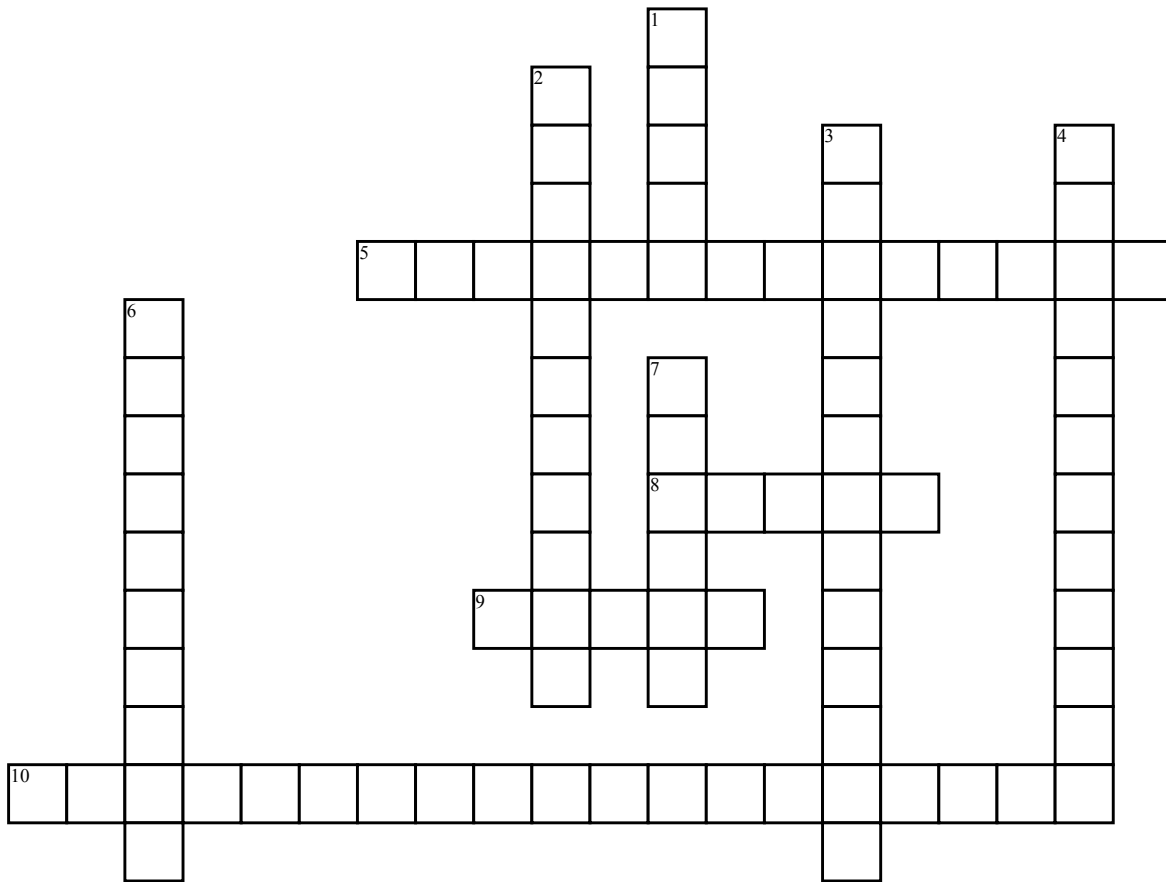


Simple Machines Crossword



Across

5. Any of the basic mechanical devices for applying a force that makes work easier.

8. This simple machine has three different classes and the classes are defined by positioning of the fulcrum.

9. A simple machine consisting of an inclined plane around a cylinder.

10. The ratio of the force produced by a machine to the force applied by a person.

Down

1. This simple machine is used to hold, cut, split, scrape, and tighten.

2. The amount of that a machine puts out on a object.

3. The mechanical advantage of this simple machine is equal to length divided by height.

4. This simple machine consists of a rope which unwinds from a wheel on to a cylindrical drum or shaft joined to the wheel to provide mechanical advantage.

6. The force put into a machine to get a result.

7. This simple machine is a wheel with a grooved rim around where a cord passes. It acts to change the direction of a force applied to the cord and is mainly used to raise heavy weights.