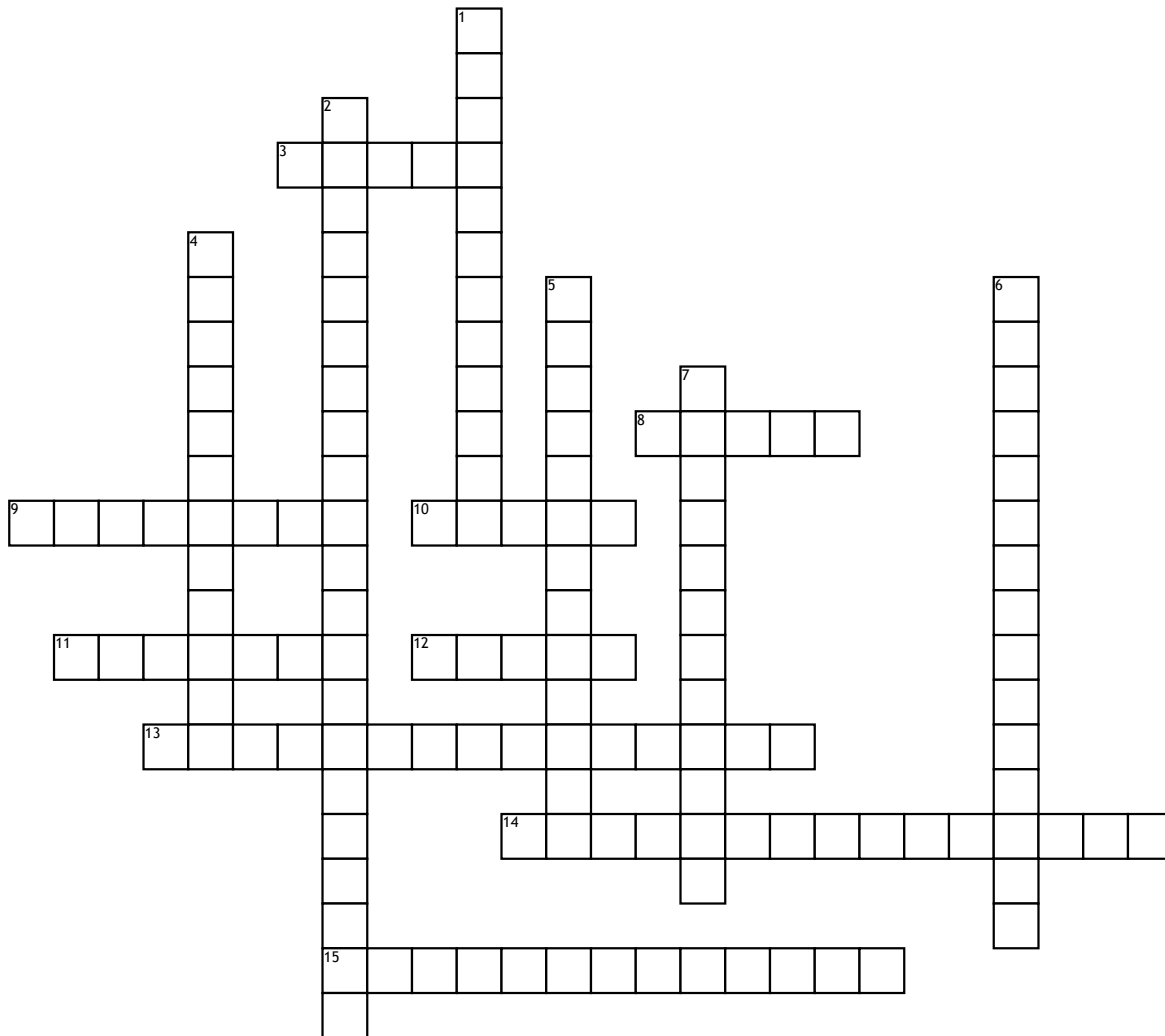


simple machines crossword



Across

3. a simple machine that can be made of one or two inclined planes

8. a simple machine consisting of a smooth cylinder with a tiny inclined plane wrapped around it

9. the force that results when two materials rub against each other or when their contact prevents sliding

10. a simple machine in which a bar moves around a field point called a fulcrum

11. the tendency of an object to resist any change in motion

12. a push or pull that acts on an object

13. an object will stay in uniform motion (or at rest) unless a force acts on the object (without that force, an object at rest will stay at rest; an object in motion will keep the same speed and direction)

14. when an object exerts a force on a second object, the second object exerts a force on the first (these forces are equal and opposite)

15. a simple machine that consists of a flat surface with one end higher than the other (like a ramp)

Down

1. a simple machine made up of a circular object attached to a bar

2. describes how acceleration, mass, and force are related (force = mass times acceleration)

4. the force that requires two pieces of matter to touch

5. a machine made up of one or two parts

6. a force that acts at a distance

7. the rate at which the speed or direction of motion of an object changes over time