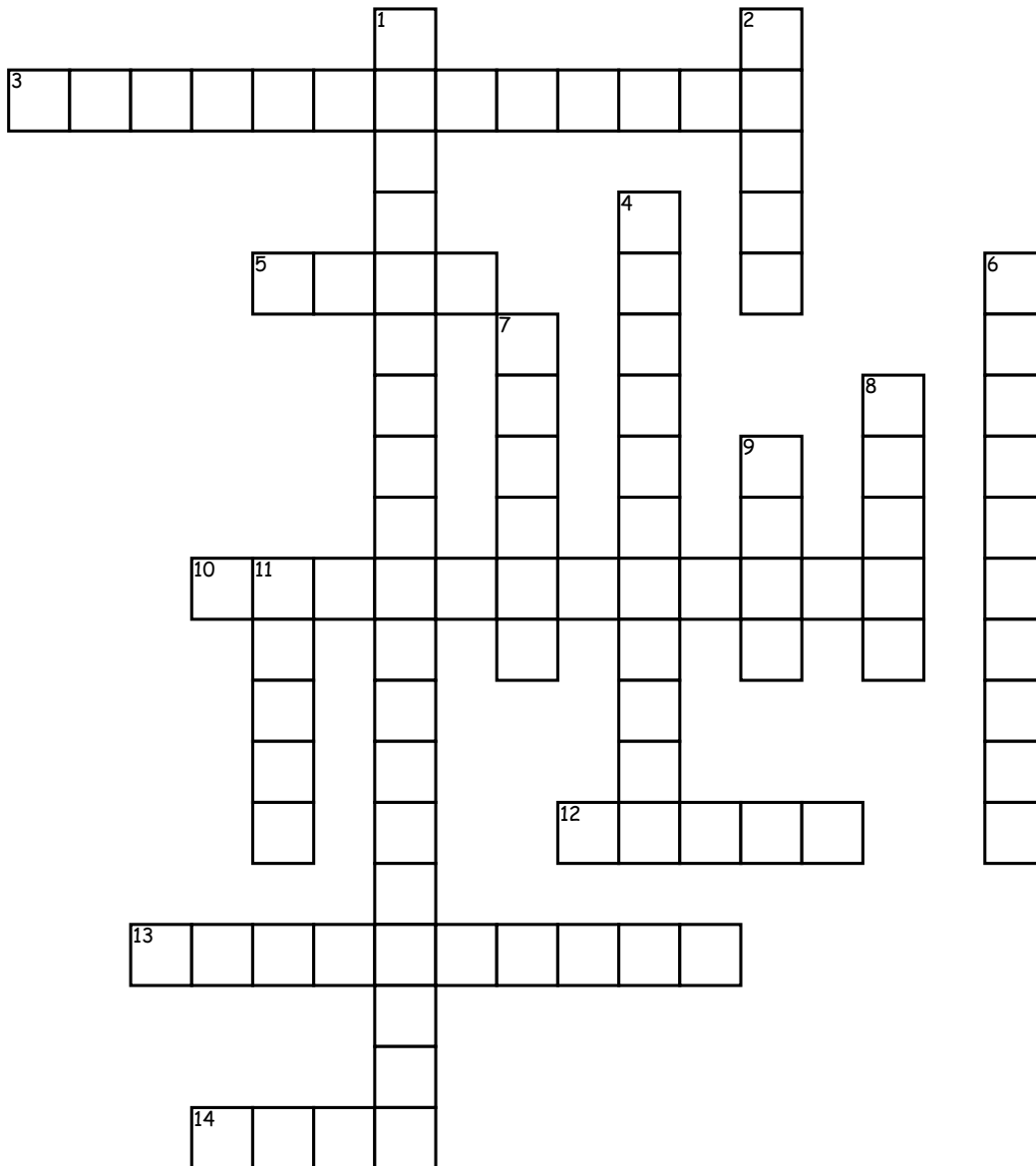


Simple Machines



Across

3. An _____ is commonly referred to as a ramp.

5. two toothed wheels fit together either directly or through a chain or belt so one wheel can turn the other.

10. _____ is an force that is applied to an object by a person or another object.

12. is an object with at least one slanting side ending in a sharp edge, which cuts material apart.

13. _____ is any type of force that is exerted onto the machine.

14. this image is an example of which simple machine

Down

1. Output force divided by input force is the formula to calculate a _____ of a machine.

2. You should use this simple machine to lift heavy objects. Example a screw driver used to pry can paint lid.

4. its a force which is done by a machine.

6. The _____ of any machine is always less than one due to forces such as friction that use up energy unproductively.

7. This simple machine can raise, lower, or move a load by using grooved wheels and a rope.

8. A _____ is an inclined plane wrapped around a pole which holds things together or lifts material.

9. _____ is using a force to move an object a distance.

11. In SI system, The unit of _____ is the joule per second.