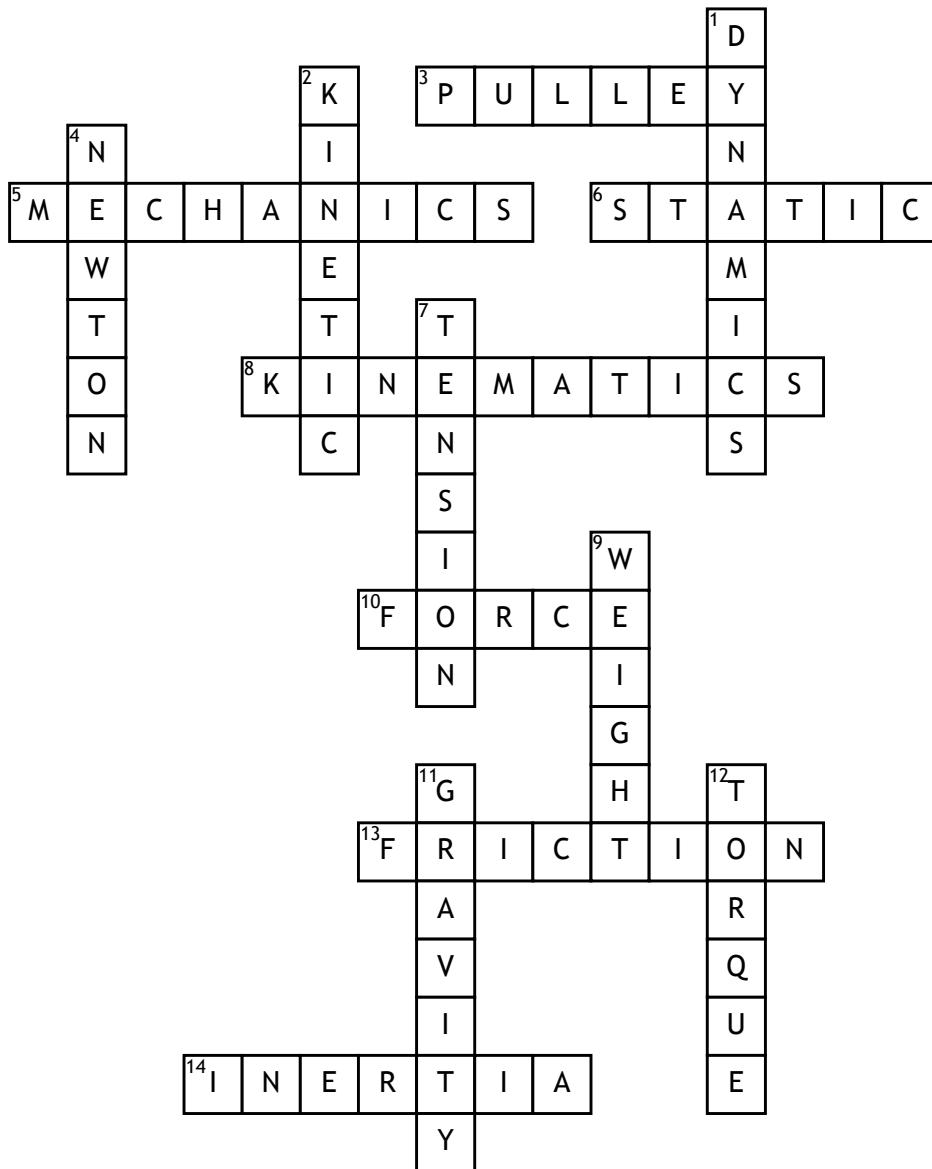


Name: _____

Date: _____

Newton's Three Laws



Across

3. Wheel which a rope passes through, to change the direction of a force applied to the rope
5. The branch of physics that deals with the motion of material objects.
6. When an object is at rest
8. The branch of mechanics concerned with the motion of objects without reference to the forces that cause the motion.

10. A ____ can cause an object with mass to change its velocity

13. the resistance that one surface or object encounters when moving over another.

14. An object at rest tends to stay at rest.

Down

1. The branch of mechanics concerned with the motion of bodies under the action of forces.

2. ____ Energy which an object possesses due to its motion

4. Sir Isaac ____

7. Compression is the opposite of this. When you pull an elastic band you feel ____ Pulling it back

9. Gravity X Mass = ____

11. Force that attracts a body toward the center of earth

12. A turning or twisting force