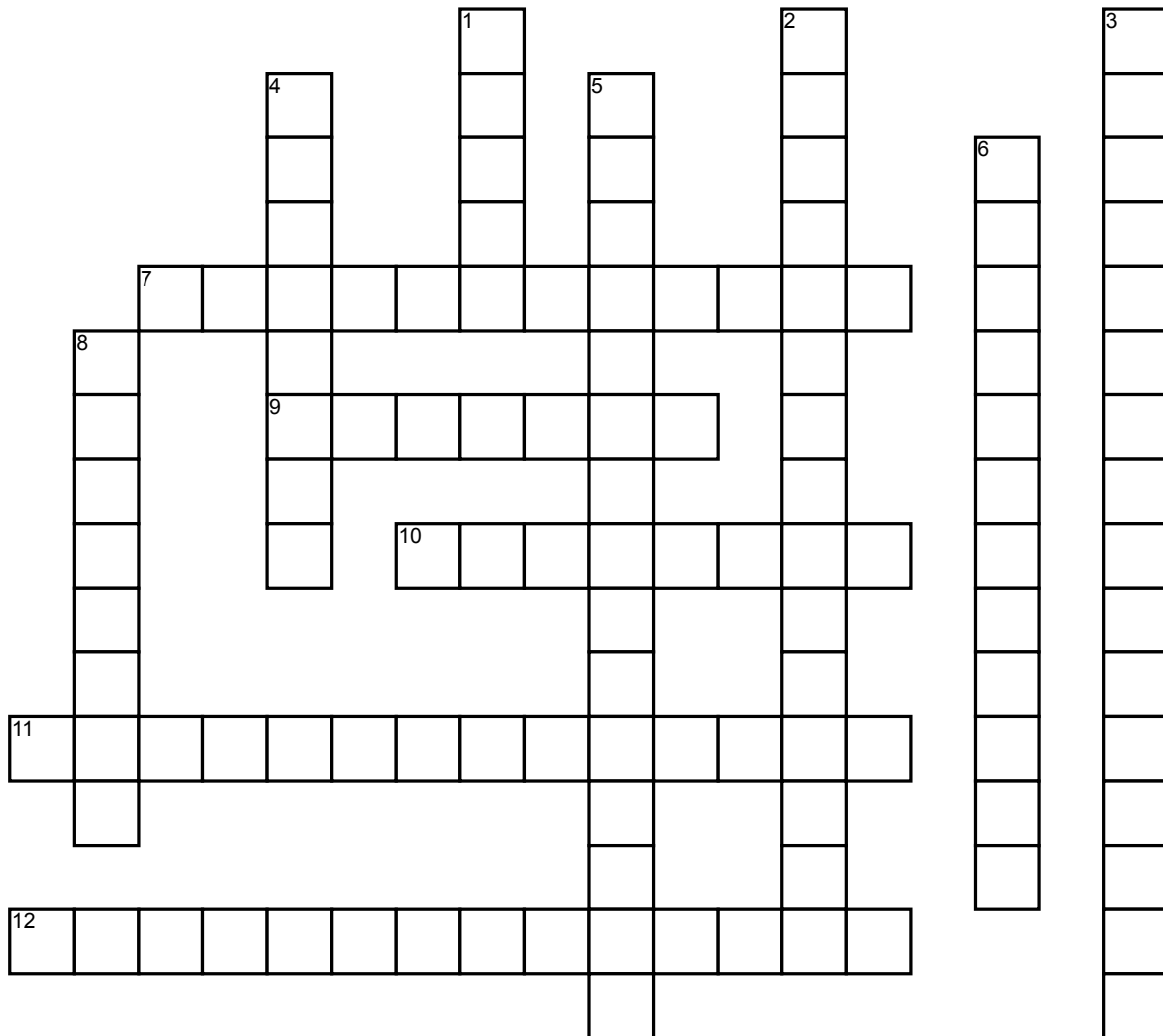


Newton's Laws



Across

7. A vehicles capacity to gain speed of something in a given direction

9. Tendency of an object to resist changes

10. Sum of all forces acting on an object

11. Force that keeps an object at rest

12. Two forces acting in opposite directions that are equal in size

Down

1. A push or a pull

2. A force that acts on an object that is not coming physically in contact with it

3. Forces that cause a change in the motion of an object

4. Resistance an object encounters when moving over another

5. Friction between surfaces which move relative to one another

6. Force applied by a body to another body that is touching it

8. The speed of something in a given direction