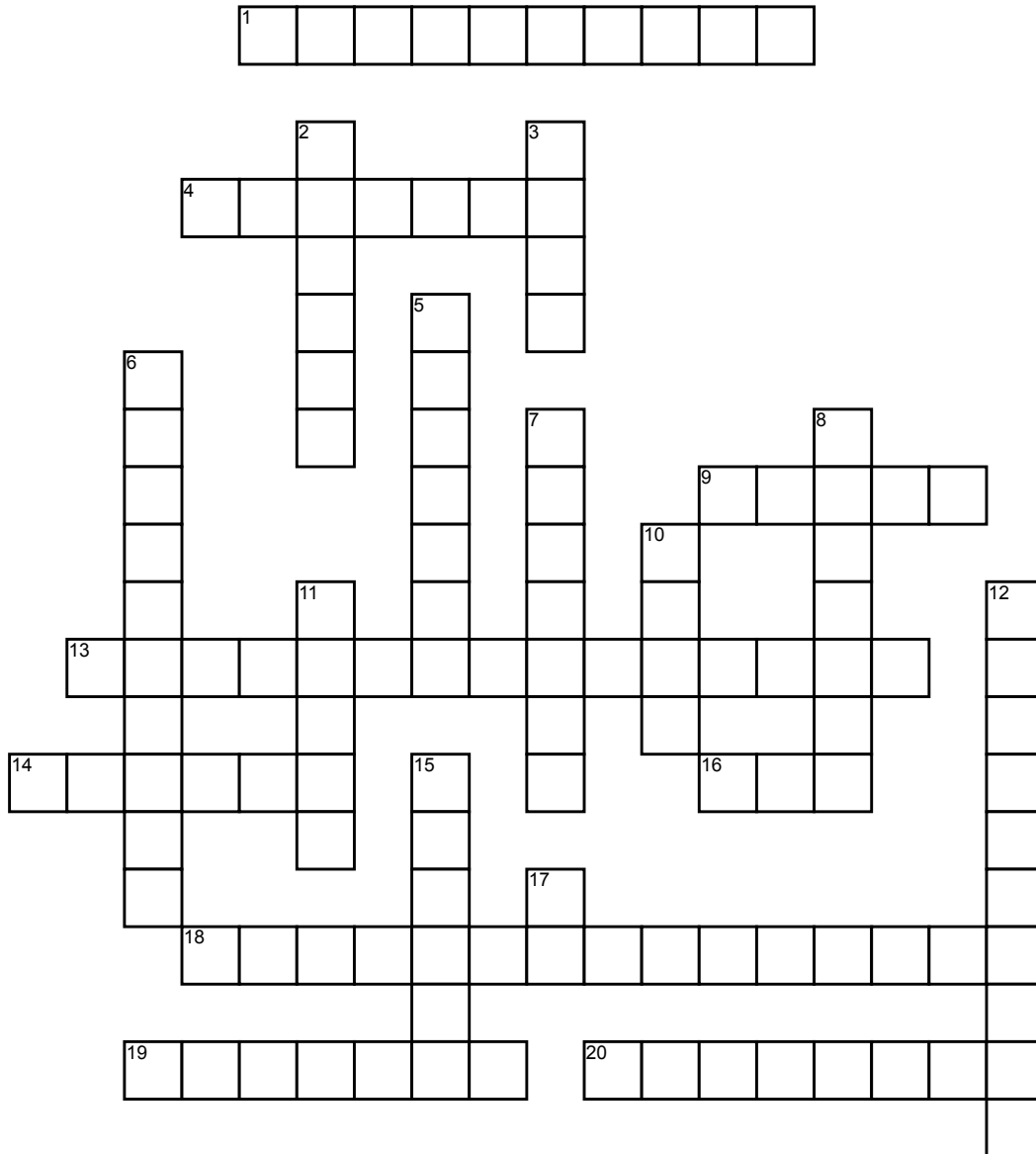


Force and Motion



Across

- 1. Is the type of motion that of a falling object after it is given an initial forward velocity.
- 4. Is the tendency of an object to resist any change in motion.
- 9. is the friction that opposes the motion of an object that goes through liquid
- 13. An object at rest will stay at rest unless acted upon by an unbalanced force.
- 14. Friction that is the friction force that acts on objects that are NOT moving.

- 16. acceleration is ____ to gravity
- 18. Force that opposes the direction of motion of an object as it slides over a motion.
- 19. Friction that is a force that acts on rolling objects.
- 20. The sum of all forces acting on an object.

Down

- 2. If forces are acting in opposite directions they _____.
- 3. Objects with different _____ fall at the same rate.
- 5. SI Units for force

- 6. If a Net force is not zero it will _____.
- 7. Force of attraction between any two objects in the universe.
- 8. Friction acts as the _____ where objects are in contact.
- 10. force is a _____ or pull.
- 11. Mass x Acceleration = _____.
- 12. Forces that are NOT opposite and equal.
- 15. Newton's laws are known as Newton's laws of _____.
- 17. SI Units for Mass _____.