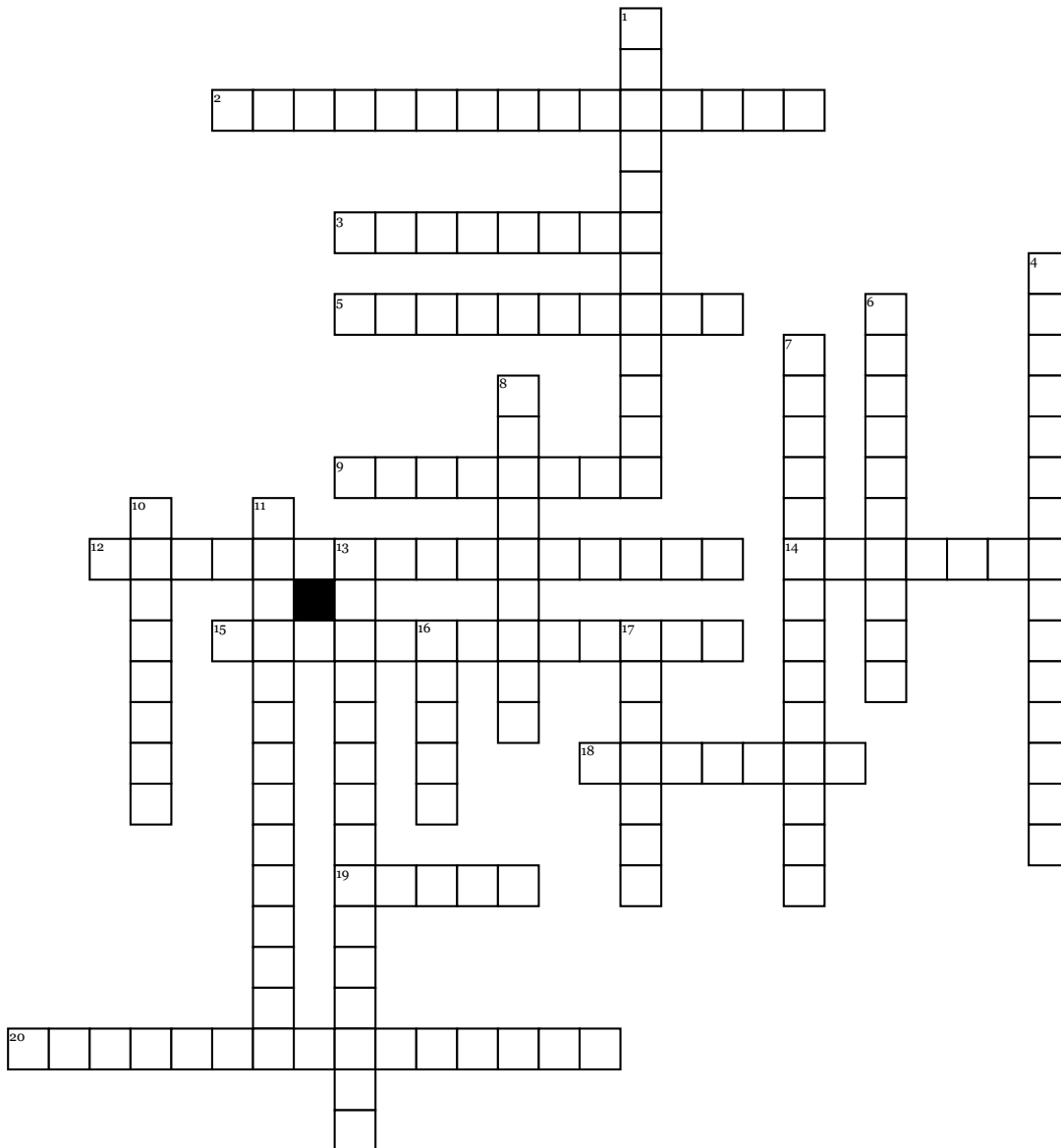


Name: _____

Date: _____

Period: _____

Newton's Law's of Motion



Across

- 2. skate boarding down a hill
- 3. An object at rest will remain at rest and an object in motion will continue moving at a constant velocity unless acted upon by a
- 5. if net force is not zero the object will
- 9. A force that opposes the motion of objects that touch as they move past each other
- 12. the acceleration of an object is directly proportional to the net force acting on it and inversely proportional to its mass
- 14. friction acts at the surface where object are in

- 15. something is not a liquid but you can pour it like it's a liquid is
- 18. force of attraction between any two objects in the universe
- 19. Friction is greater on what surfaces
- 20. Smash on your brakes and you and your seat belt leans forward

Down

- 1. In the absence of air resistance, all falling objects have the same
- 4. for every action force, there is an equal and opposite reaction force
- 6. Forces that equal changes in motion

- 7. Pushing a dresser that does not move
- 8. static friction is the friction force that acts on objects that are
- 10. there is no change in
- 11. Rolling friction is the force that acts on
- 13. A force that opposes the direction of motion of an object as it SLIDES over the surface.
- 16. an object at rest will remain at rest and an object in motion will continue moving at a constant velocity unless acted upon by a net
- 17. tendency of an object to resist any change in its motion