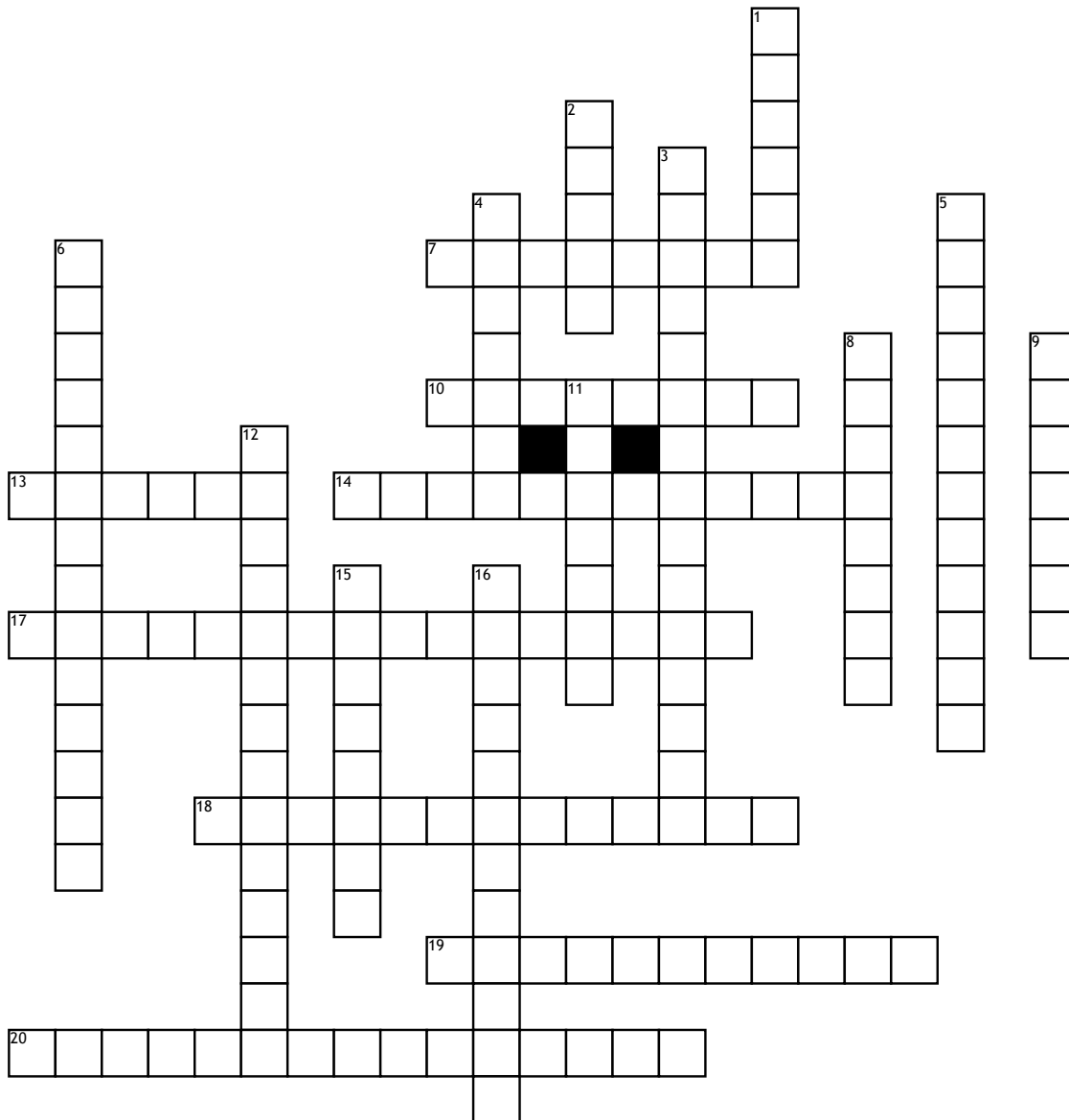


Name: _____

Date: _____

Period: _____

Force & Motion Crossword



Across

- 7. A force that two surfaces exert on each other when they rub against each other
- 10. The total length of the actual path between two points.
- 13. The gravitational force exerted on an object at the surface of a planet
- 14. The upward force exerted by a fluid on a submerged object.
- 17. Any force that causes an object to move in a circular path.
- 18. A type of fluid friction that acts on objects falling through the air
- 19. An elastic force that squeezes or pushes matter together

- 20. The friction from an object that rolls across a surface

Down

- 1. A change in position of an object with respect to its reference point.
- 2. A push or a pull
- 3. The friction that occurs when two solid surfaces slide over each other
- 4. The force that pulls objects toward each other
- 5. The length and direction of a straight line between starting and ending points
- 6. A place or object used for comparison to determine if something is in motion.
- 8. The only force acting on the object is gravity
- 9. The branch of science concerned with the nature and properties of matter and energy.
- 11. An elastic force that stretches or pulls matter
- 12. The friction that acts on an object that is not moving.
- 15. The combination of all the forces acting on an object
- 16. The force exerted by an elastic object when its shape is changed