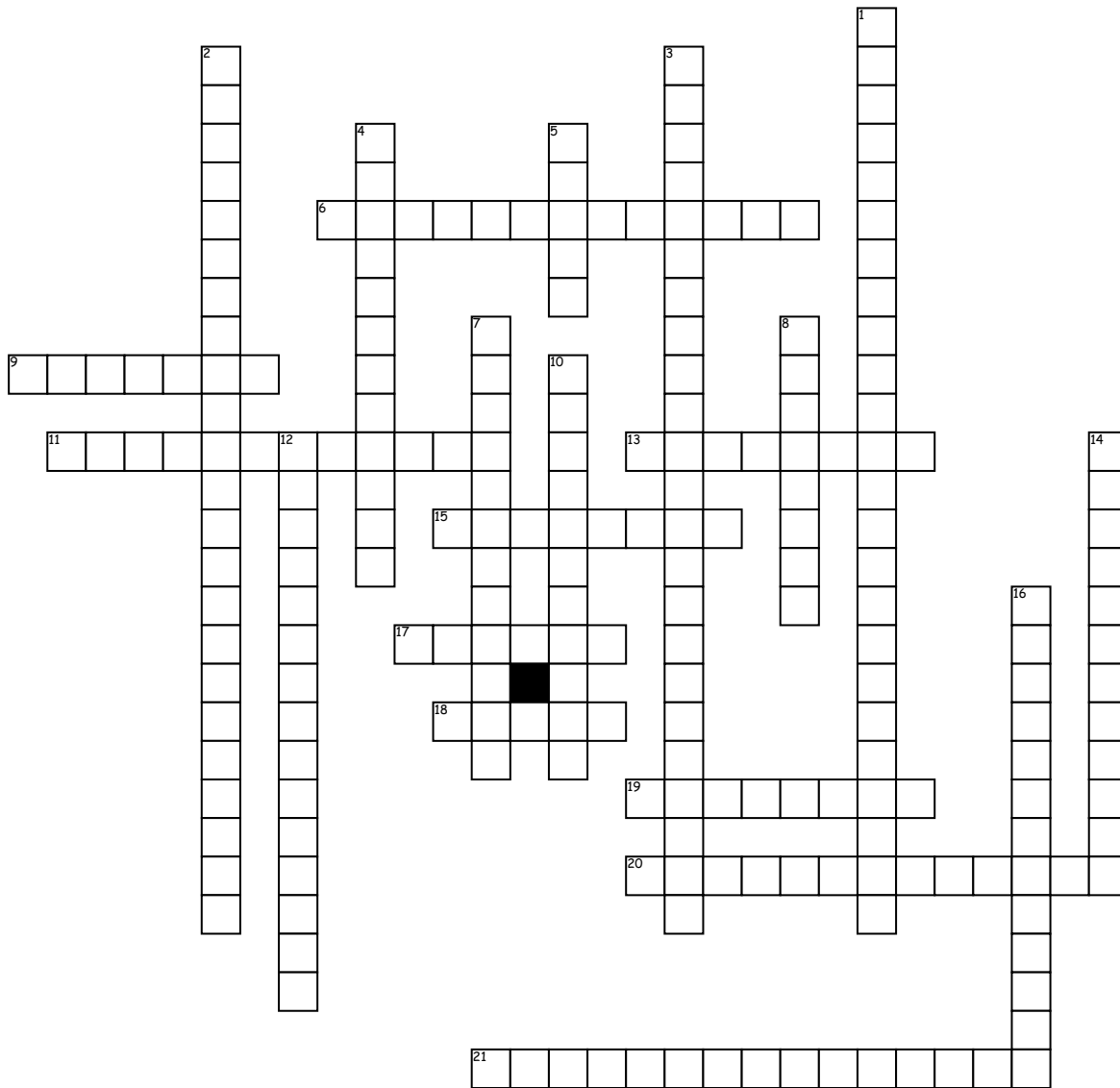


Name: _____ Date: _____ Period: _____

Forces and Types of Forces



Across

6. Are two forces acting in opposite directions of an object

9. In force of attraction between two masses

11. Describes the pulling Force transmitted axially by means of a string

13. The resistance that one surface or object encounters when moving

15. A measure of the displacement of an object divided by the time

17. A continuous change in the position of an object

18. Moving an object with a push or pull

19. An object's location relative to a reference point

20. The frictional force air exerts against a moving object

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

Down

1. The acceleration of an object as produced by a net force is directed proportional to the magnitude of the net force

2. For every action there is an equal and opposite reaction the statement means that in every interaction there is a pair of forces

3. An object at rest stays at rest and an object in motion stays in motion unless acted upon by an unbalanced force

4. A material that can be stretched or compressed

5. Total distance traveled divided by the total time

7. The rate of change of velocity

8. An amount of space between two things are people

10. Is force acting in One Direction

12. A force that acts at the point without contacting

14. A force that acts at the point of contact between two objects

16. Is force acting in the opposite direction