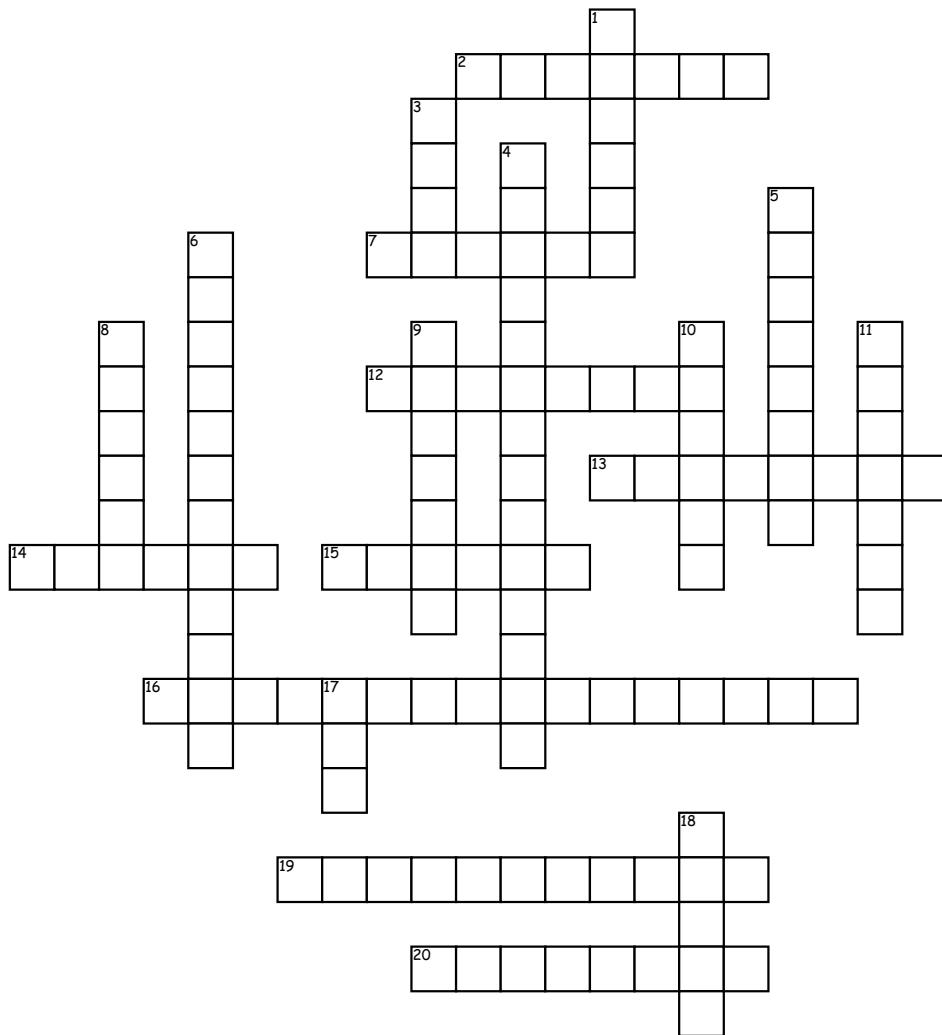


Name: _____

Date: _____

Force & Motion



Across

2. Resistance of an object to change speed or direction (In _____)
7. An object at rest will stay at rest, an object in motion will stay in motion unless a force is acted upon it
12. The action of one surface rubbing against another surface...
13. The speed of an object in a certain direction
14. Anything that has mass and volume
15. The change in position of an object (needs a reference point)

16. When two forces opposite from each other have different Newtons
19. Creator of all the Laws of Motion
20. The space between two points

Down

1. Every action has a reaction.
3. The amount of matter in an object
4. When two forces from opposite directions balance out
5. The sum of all force acting upon an object.
6. The direct path from A to B

8. Another word for "thing"
9. A force pulling you down
10. acceleration is reliant on the net force acting upon the object and the mass of the object
11. The unit that used to measure force
17. System of rules that certain things must follow
18. A push or a pull

Word Bank

Gravity
Friction
3rd law
Velocity
Object

Balanced Forces
Force
Displacement
Motion
2nd law

Newton's
Law
Issac Newton
Net Force
Matter

Mass
Inertia
Unbalanced Forces
Distance
1st law