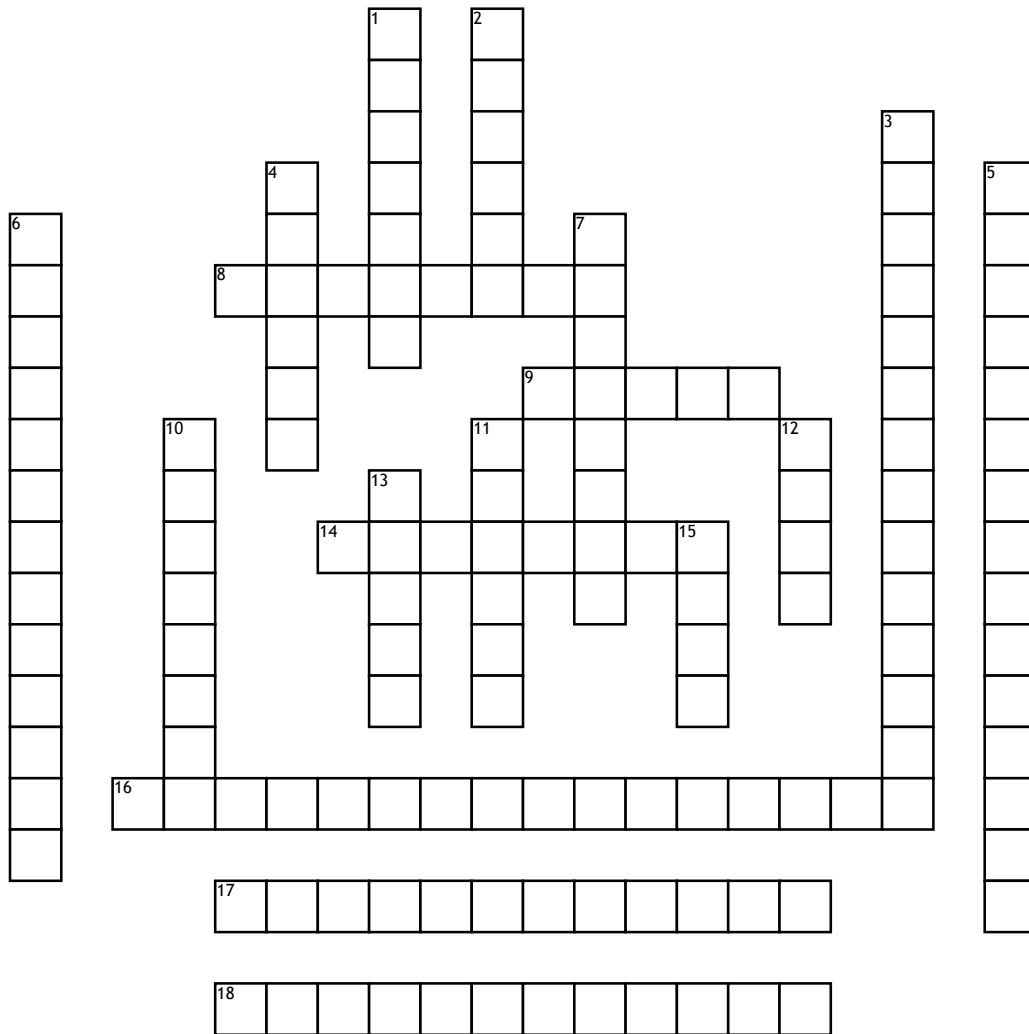


Physics Vocabulary



Across

8. the length of the route travelled between two points
 9. a push or a pull
 14. a measurement of mass in motion
 16. forces that cause motion
 17. the rate at which an object changes its velocity
 18. the shortest path between two points

Down

1. the force that pulls objects down towards the earth
 2. standard unit of measure for force
 3. forces that do not cause a change in motion
 4. the force of gravity pulling down on an object
 5. energy that is stored due to its position
 6. energy in motion

7. the rate of change in an objects position; must include direction
 10. the force exerted on one surface by another when the two surfaces rub against each other; slows objects down
 11. the ability to do work or cause change
 12. when a force acts on an object to move it a certain distance
 13. a measurement of the rate at which energy is used
 15. a measurement of how much matter is in an object

Word Bank

- | | | | | |
|----------|--------------|-------------------|------------------|-----------------|
| velocity | weight | acceleration | kinetic energy | distance |
| work | displacement | unbalanced forces | potential energy | balanced forces |
| mass | gravity | power | energy | force |
| newton | momentum | friction | | |