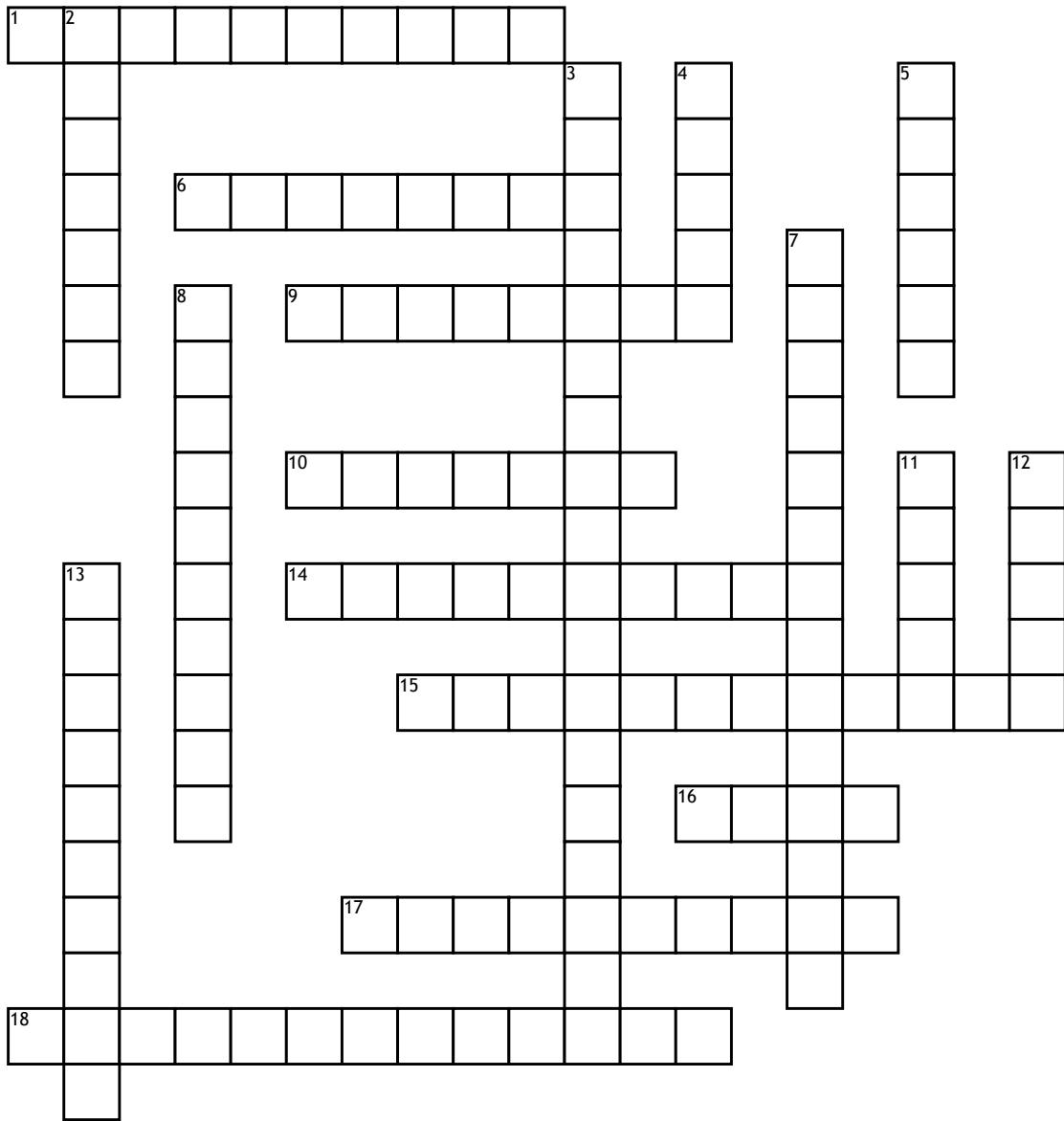


Physics Vocabulary



Across

1. a force that does not require contact to exist
6. another name for total force
9. the direction of the force of gravity on a free body diagram
10. the type of collision associated with objects that collide and bounce apart
14. objects thrown or shot into the air
15. type of force associated with kicking a ball

16. force applied over a displacement

17. cm is the metric prefix used to represent which metric measure

18. the force that is opposite of gravity for object's in free-fall

Down

2. objects at rest stay at rest and objects in motion stay in motion unless acted upon by an outside force
3. objects collide and stick together

4. Which of Newton's laws is known as action-reaction pairs?

5. a quantity that includes direction

7. force that are equal and opposite

8. ratio of work output to work input

11. the variable P represents which measurable quantity

12. change in y over change in x

13. a prediction