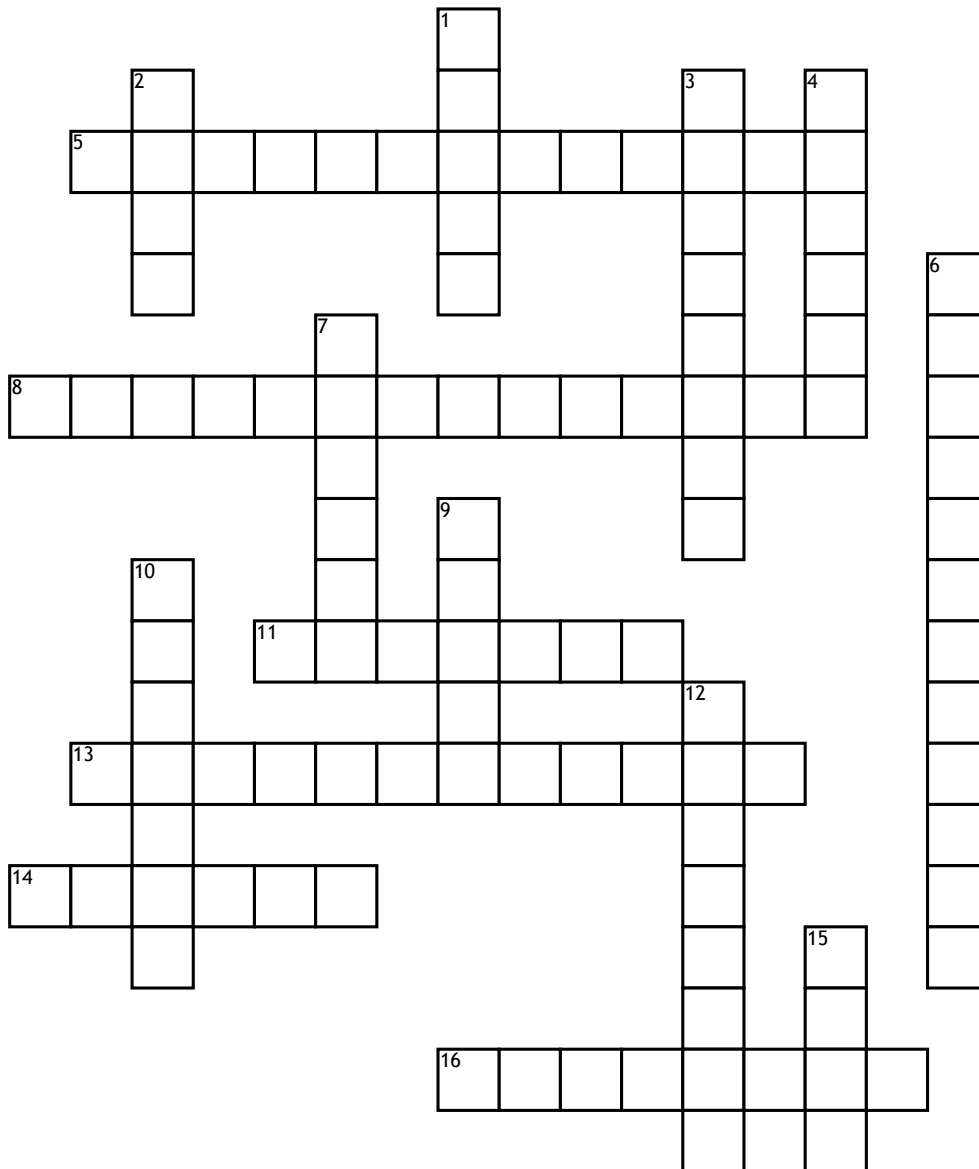


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Physical Science



## Across

5. Two equal opposite forces acting on an object  
 8. A point of comparison  
 11. Tendency of all objects to resist any change in motion  
 13. Distance divided by time  
 14. When an object changes position overtime when compared to reference points

16. Speed of an object in a particular direction

## Down

1. Rate at which an object moves  
 2. Amount of matter in an object  
 3. A force that opposes motion between two surfaces that are touching  
 4. Measure of gravitational force exerted on an object

6. Rate at which velocity changes

7. Measurement of force  
 9. A push or pull  
 10. A force of attraction between two objects due to their masses  
 12. Force that results from combining all the forces exerted on an object  
 15. Measure of change in acceleration