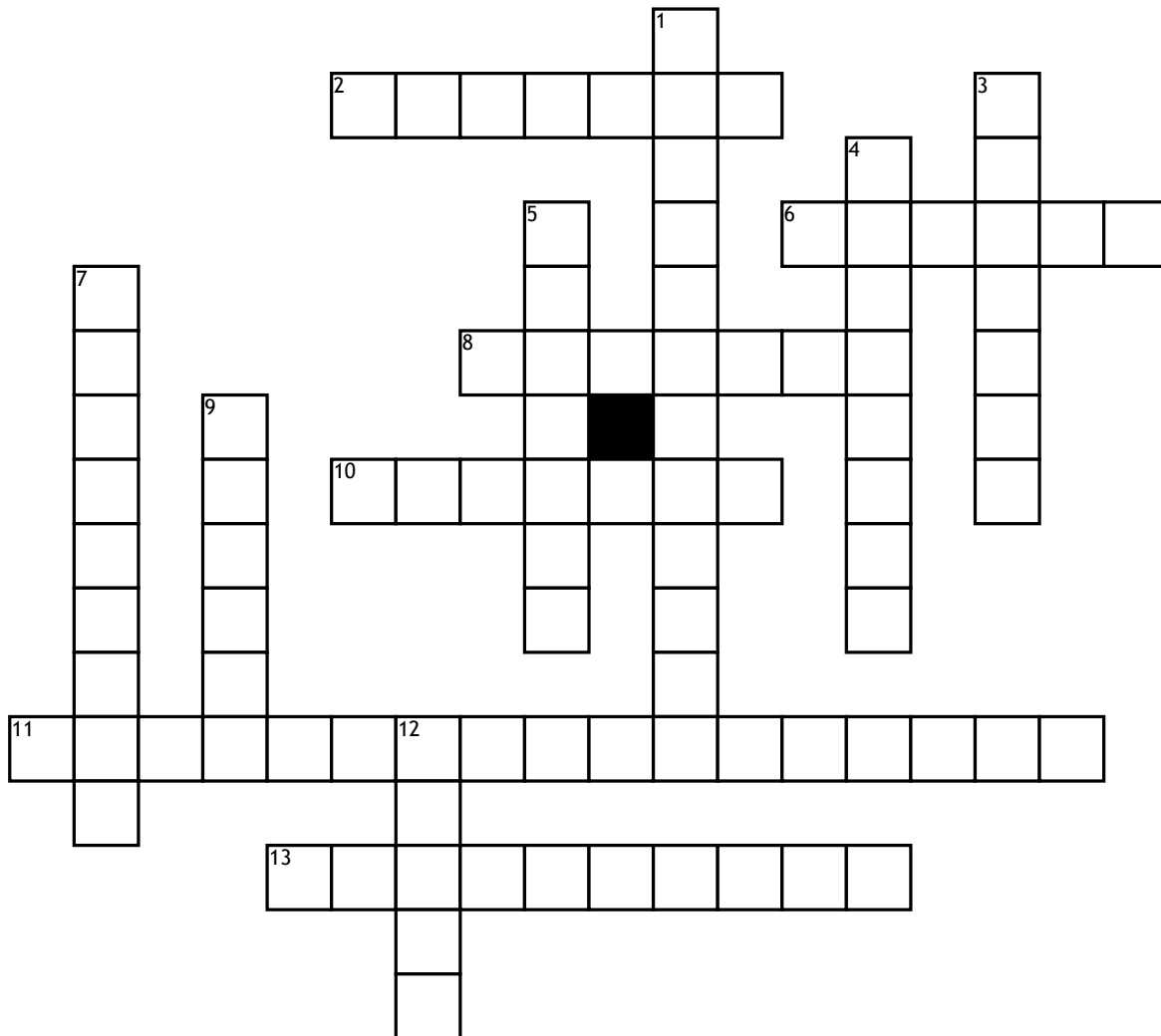


Name: \_\_\_\_\_

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

# Materials Key Words



## Across

2. When a material can be made into a new shape and it stays in this new shape.

6. How much the length changes when a force is applied

8. When a material breaks after a force repeatedly deforms the material

10. Can not be stretched or forced into a new shape

11. Stretching this material follows a different path on a force extension graph than unstretching the material

13. The point at which a material will suddenly stretch by a noticeable amount when a force is added

## Down

1. The maximum force that can be applied to a material without leaving a permanent deformation

3. When a material is left with a permanent extension after being stretched

4. The maximum stress a material can bear before it breaks

5. When a material returns to its original shape and size after being stretched

7. A material that can be hammered, rolled or pressed into shape without cracking

9. Force applied to an area

12. A material gradually deforms over time due to being under stress