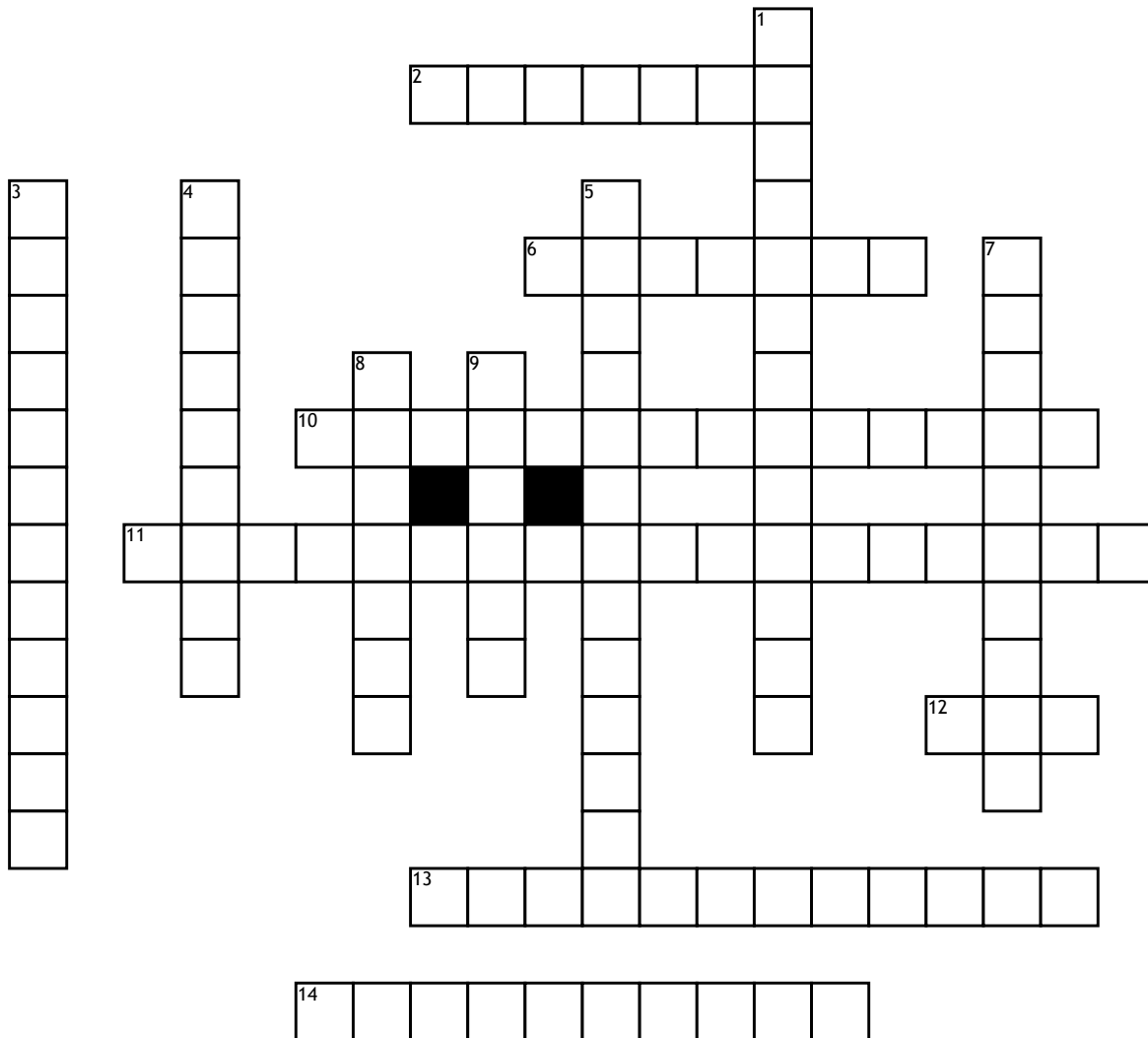


Materials Crossword



Across

2. Stretches easily without breaking

6. Mass per unit volume

10. The maximum force needed to break a solid material

11. Deformation of a solid beyond its elastic limit

12. Tensile stress needed to break a solid material (abbreviation)

13. Stress / Strain

14. Point at which the stress in a wire suddenly drops when the wire is subject to increasing strain

Down

1. Force per unit area of cross section

3. The point beyond which a wire is permanently stretched

4. The force needed to stretch a spring is directly proportional to the extension of the spring

5. Extension per unit length of a solid when deformed

7. Property of a solid that enables it to regain its shape after being deformed

8. Snaps without stretching or bending when subject to stress

9. Unit of pressure or stress