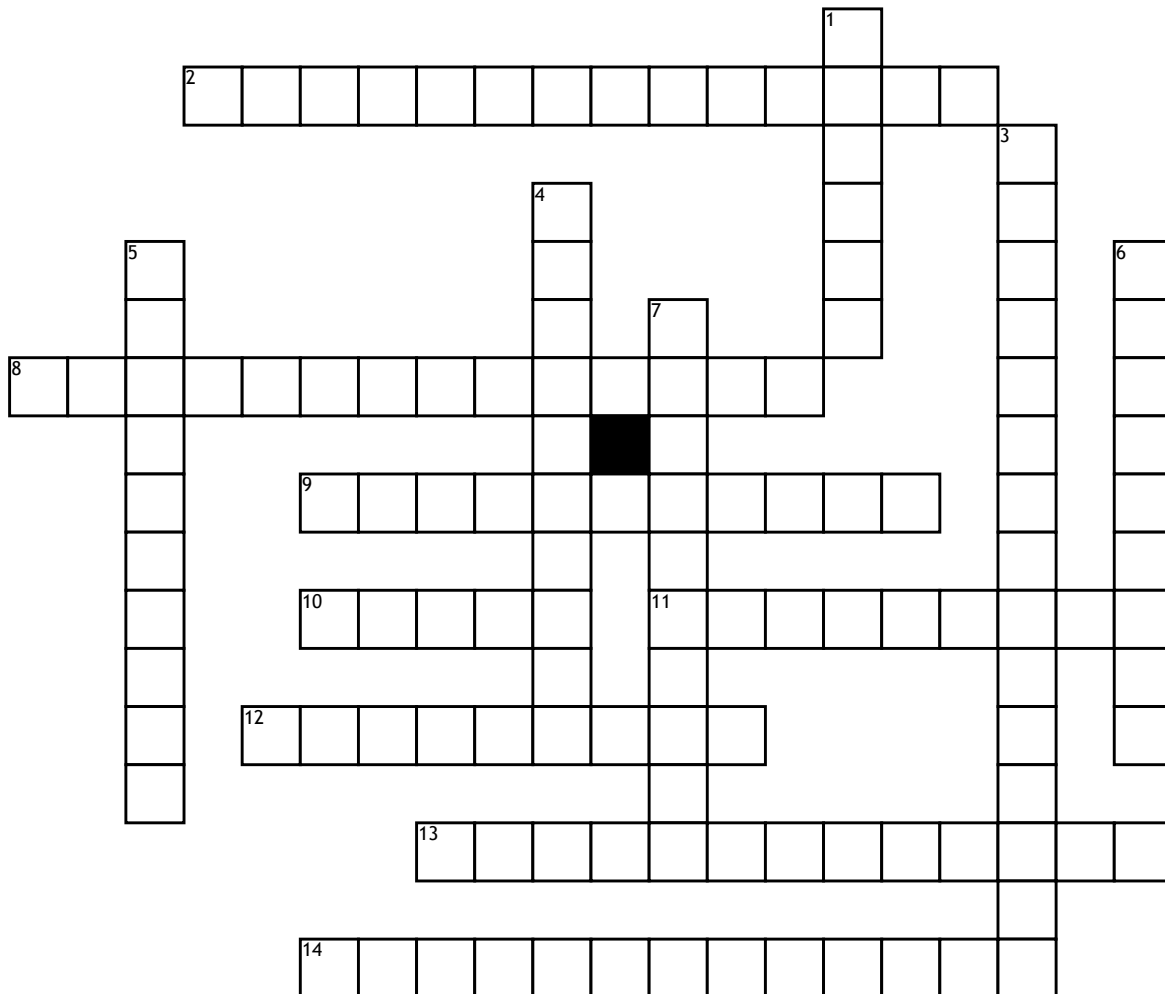


# Gravitation and Properties of Matter



## Across

2. The proportion of lateral strain to longitudinal strain

8. The speed that is just enough for a body to escape from a gravitational centre of attraction without undergoing any further acceleration

9. When the flow is laminar, what it is said to be

10. A unit of viscosity

11. The work done in bringing a unit mass from infinity to a point in the gravitational field is called gravitational \_\_\_\_\_

12. Approximate shape of the earth

13. Polar satellites are often used for this

14. A satellite whose revolution is synchronous with the earth's spin

## Down

1. Internal restoring force acting per unit area

3. The reciprocal of the bulk modulus of a body

4. Other name for Kepler's second law

5. The scientist who gave the formula for working out the magnitude of buoyant force

6. The type of brakes that work based on principle of transmission of pressure in a liquid

7. The stress at which a material begins to deform plastically