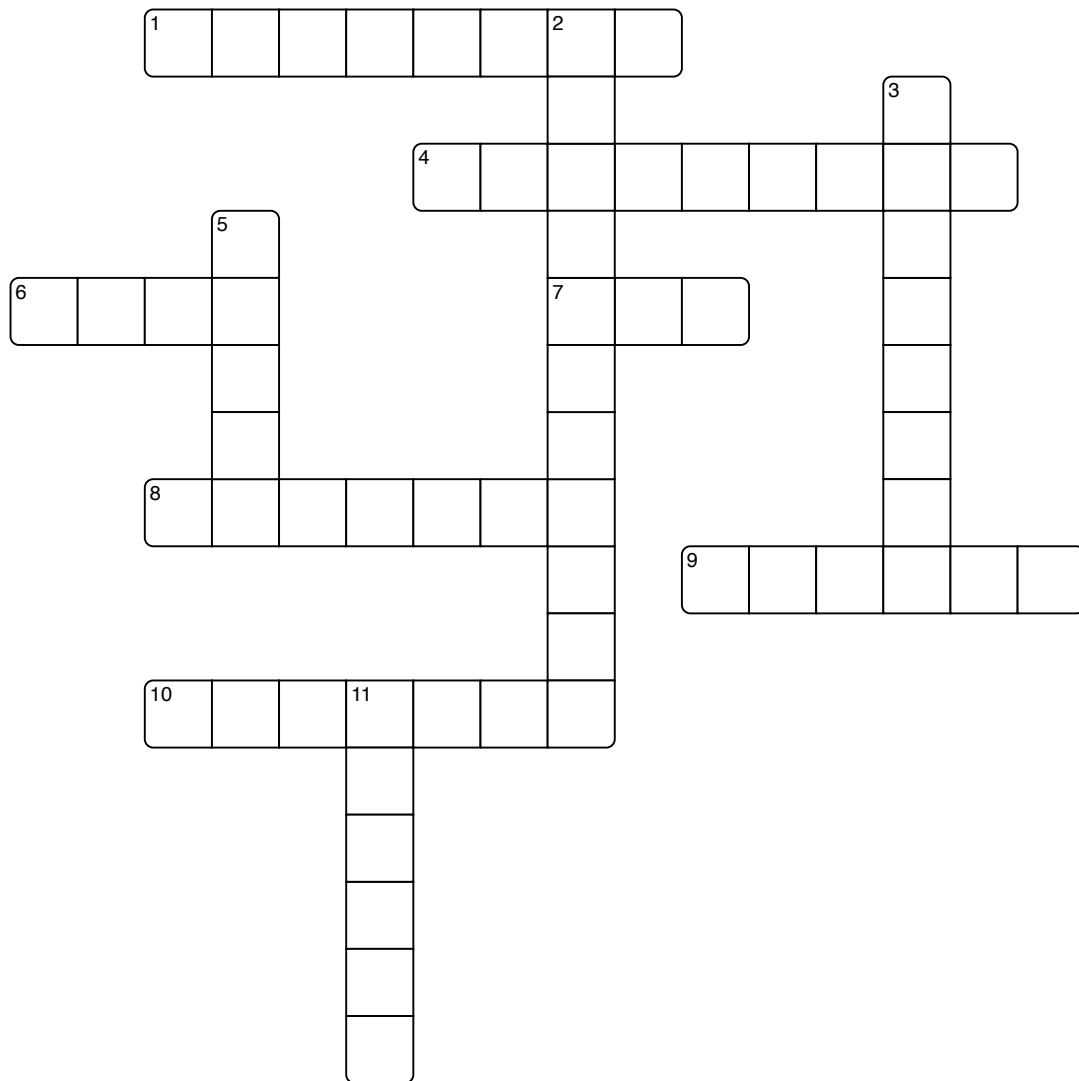


Levers And Gravity.



Across

1. When a lever is in this state, the sum of the clockwise moments equal the sum of the anti-clockwise moments.
4. A string with a weight attached. You used it to determine the centre of gravity of a thin lamina .
6. To increase stability a wide _____ helps!
7. A _____ centre of gravity also assists with stability.
8. The turning effect of a force is _____ the further away from the fulcrum that the force is applied.
9. The turning effect of a force.
10. The fixed point about which a lever turns.

Down

2. When an object is balanced it is said to be in _____.
3. When the fulcrum is below the centre of gravity the object is in _____ equilibrium.
5. This a rigid body free to move about a fixed point called the fulcrum.
11. _____ of gravity of any object is the point through which the weight of the object appears to act.