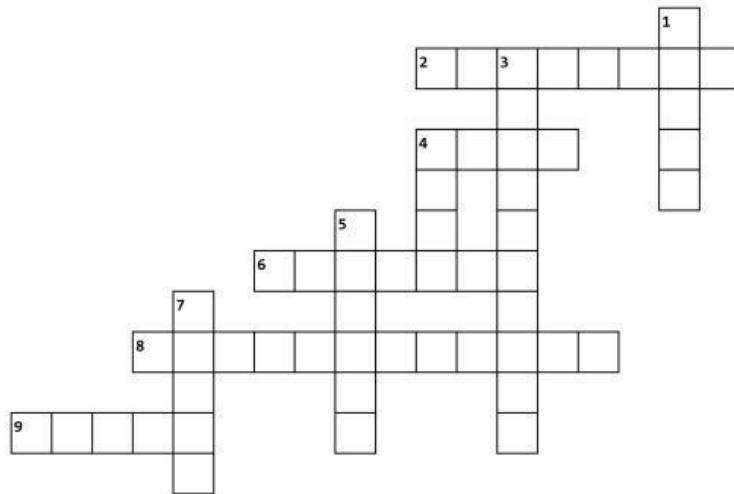


Work, Energy & Power



Across

2. Gravitational potential energy is the energy stored in a body or system because of its _____.
4. Scalar product of force and displacement of a body.
6. _____ energy is the energy of a body due to its motion.
8. Principle of _____ of energy states that in an isolated system, the total energy of that system is constant.
9. Unit equivalent to $\text{kg m}^2 \text{s}^{-2}$

Down

1. Area under graph of _____ againts displacement equals to value of work done
3. Elastic potential energy is the energy stored in elastic materials as the result of their _____ or compressing.
4. Unit of power.
5. Work-_____ theorem states that work done by the net force on a body equals the change in the body's total energy.
7. The rate at which work is done.