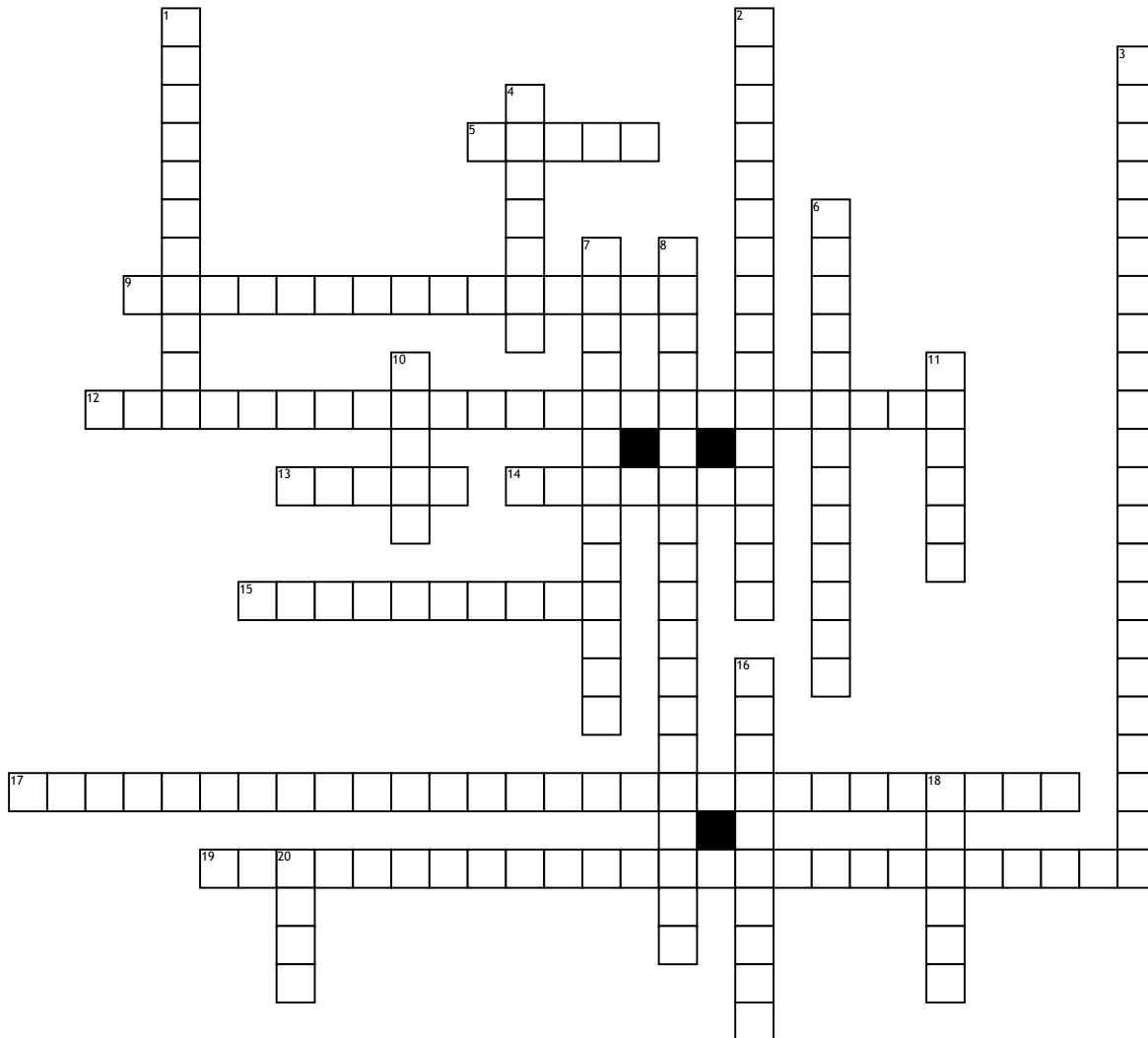


Cross word



Across

5. $W=(100n) (5m) = 500 \text{ ___}$
 9. A ___ is a combination of two or more simple machines.
 12. ___ is energy that is due to chemical bonds
 13. ___ is the rate at which energy is converted
 14. A ___ is a device that changes the force or increases the motion from work.
 15. Efficiency (%) = output force/ ___ x100
 17. ___ is energy that is due to the gravitational forces between objects

19. ___ states that energy cannot be created or destroyed

Down

1. Efficiency (100%) = ___ / input force x 100
 2. ___ is the sum of the kinetic energy and potential energy of the objects in a system
 3. ___ is energy that is stored by compressing or stretching an object.
 4. Your hand must be in ___ with the book with the book to push on it

6. A ___ is a machine that does work with only one movement of the machines.

7. ___ is energy due to motion
 8. ___ is the ratio of the output force to the input force
 10. $\frac{1}{2} \text{ mass (in kg) } \times [\text{ ___ in m/s}]$
 11. ___ is anything around which you can imagine a boundary
 16. ___ is the ratio of output work to input work.
 18. ___ is the ability to cause change
 20. Is force applied through a distance