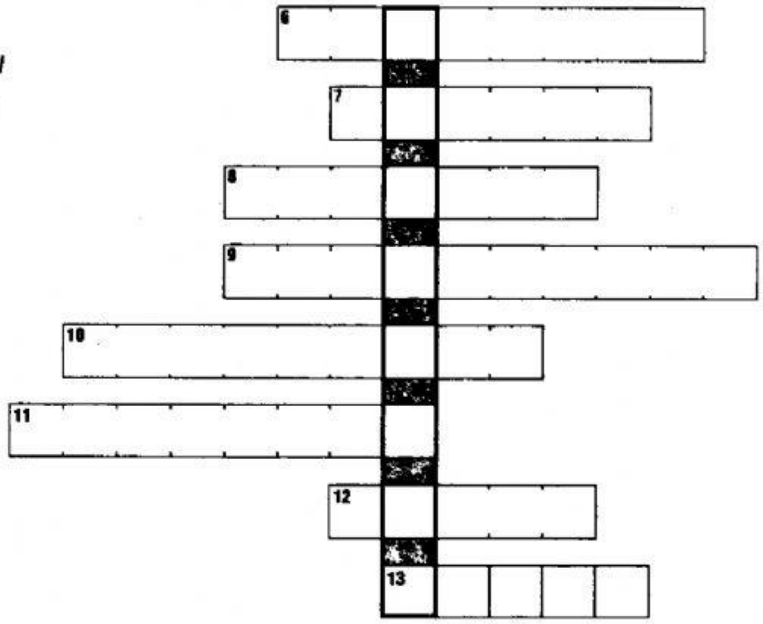
Simple Machines

Directions: *Unscramble the five terms related to machines. The hints beside each scrambled term will help you. Write each unscrambled term in the boxes below. Use only one letter in each box. Use the circled letters to find the missing term in the equation.*

1. CEFRO	push or pull	○
2. HELEW	used with an axle	○
3. FCYENFCIEI	measure of how much work put into a machine is changed to useful work put out by the machine	○
4. KROW	exertion of a force through a distance	○
5. PODNUCMO	type of machine made up of two or more simple machines	○

Equation: _____ = work/time

Directions: *Solve the puzzle by writing the term that best fits each definition. You will find another term spelled vertically in the black box.*



Definitions

6. An automobile is this kind of machine.

7. distance from center of a circle to its edge

8. fixed point on which a lever rotates

9. A measure of the amount a machine multiplies a force is its _____ advantage.

10. A fixed pulley changes the_____ of a force.

11. a force that opposes motion

12. simple machines made up of two inclined planes

13. inclined plane wrapped around a cylindrical post