

Simple Machines

Draw a line from the definition in Column A to the word in Column B.

1. A device with few or no moving parts that are used to change motion and the amount of force necessary to perform work.
2. A sloping surface; it is used for raising heavy bodies
3. An object that tapers to a thin edge. Pushing it in one direction creates a force in a sideways direction that allows for things to be split or stop moving..
4. A machine consisting of a cylinder attached to a smaller rod so that these two parts rotate together which allows things to move.
5. A combination of a wheel on an axle that is designed to support movement and change of direction of a taut cable or belt.
6. A special kind of inclined plane. It's basically an inclined plane wrapped around a pole, can be used to lift things or to hold them together
7. A bar or board that rests on a support. A downward force exerted on one end can be transferred and increased in an upward direction at the other end, allowing a small force to lift a heavy weight.

- A inclined plane
- B lever
- C pulley
- D simple machine
- E screw
- F wedge
- G wheel and axle

