

Key Terms Work and Machines

Directions: Unscramble the terms in *italics* to complete the sentences below. Write the terms on the lines provided.

1. The force applied by a machine to overcome another force is the *stirnecesa* force.
2. The force that is applied to the machine is the *oftref* force.
3. When a force is applied through a distance, *krow* is done.
4. A device that makes work easier is a *himcaen*.
5. The work done to a machine is *iutnp* work.
6. A machine in which input work is equal to output work is an *ilead* machine.
7. A device that does work with only one movement is a *plimes* machine.
8. The number of times a machine multiplies the effort force is the *leahincamc gavetadna*.
9. The work done by a machine is the *touupt* work.
10. A machine makes work easier by changing the size or direction of the *ceorf* exerted on an object.

Drag and Drop.

block and tackle

screw

inclined planes

pulley

wheel and axle

11. An inclined plane wrapped around a cylindrical post is a _____.
12. A doorknob is an example of a _____.
13. A grooved wheel with a rope or a chain running along the groove is a _____.
14. Screws and wedges are types of _____.
15. A system of pulleys is called a _____.