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 _____.