



Name _____

Date _____

SCIENCE Test Force, Work and Machines Part 1

Value: 32pts

This test will include the following skills:

1. Fill the blank with the vocabulary words.
2. True or False
3. Identify the Simple Machines
4. Label the Compound Machines

Approved by: *Maria M. Medina*

PART #1 - Fill the Blank. (Value 6pts)

Instructions: Read the sentence and fill the blank with one of the vocabulary words.

- | | | |
|----------|-------------------|-----------|
| - easier | - simple machines | - surface |
| - force | - wind | -motion |

1. Water and _____ can move things.
2. Machines makes work _____ by changing direction or applying force.
3. _____ is needed to move objects.
4. _____ have few parts.
5. A _____ can be quick or slow.
6. The _____ affects motion.



PART #2 - Answer the questions. (Value 6pts)

Instructions: Read and answer the questions about matter.

1. How many types of Simple Machines are?

2. What does a paper airplane need to fly?

3. What type of energy needs an electric toy?

4. How do you call an object that is made of more than one simple machine?

5. A marble will roll faster on a smooth surface or on a rough surface?

6. Gentle winds can make flags wave and cool us down, but the strong winds can be...?



PART #3 - True or False. (Value 6pts)

Instructions: Write and **T** if the sentence is True or **F** if the sentence is false.

_____ 1. Some of the compound machines you know are:

washing machines, can openers and cars.

_____ 2. A wheelbarrow is made of three simple machines working together.

_____ 3. A toy car will move faster on a rough surface.

_____ 4. How fast or slow an object moves depends on the force applied.

_____ 5. We can see plants run, walk, fly or swim.

_____ 6. After you throw a paper airplane into the air, it will keep flying forever.

PART #4 - Simple Machines. (Value 6pts)

Instructions: Write the type of simple machine that each object represent.

pulley

wheel and Axle

lever

inclined plane

screw

wedge

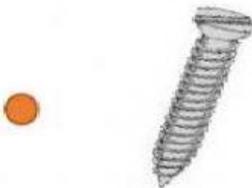






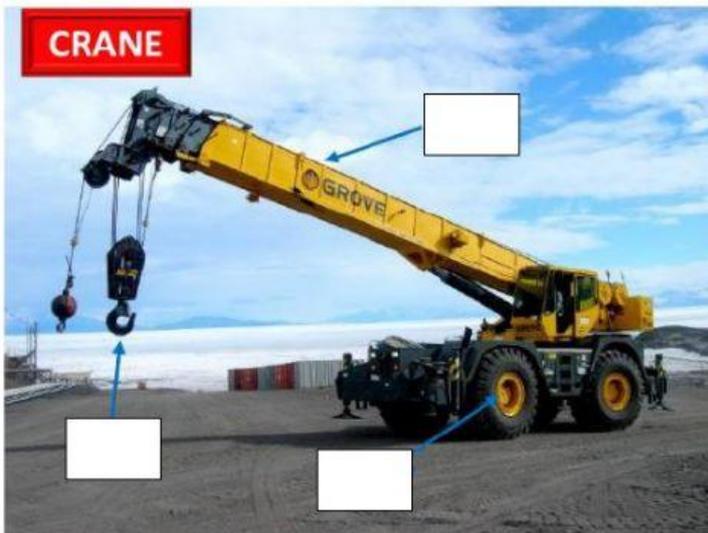
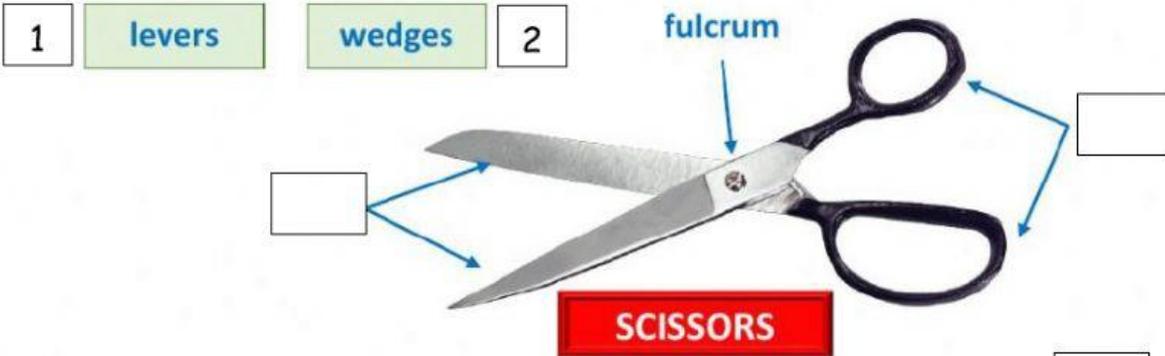






PART #5 - Compound Machines. (Value 8pts)

Instructions: Label the components in this compound machines.



- 1 wheel and axle
2 pulley
3 lever