

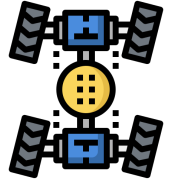
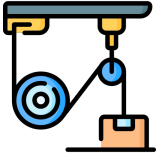
Instructions:

Fill in the blanks with the appropriate vocabulary words from the word bank below.

Word Bank:

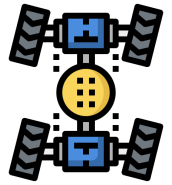
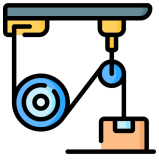
Lever, inclined plane, pulley, wedge, wheel and axle, screw

1. A _____ is a simple machine that is made up of a rod or plank that pivots around a fixed point, called a fulcrum. It can help lift heavy objects with less force.
2. An _____ is a flat surface that is sloped. It can make it easier to move objects to a higher or lower level.
3. A _____ is a simple machine that uses a rope or chain to help lift heavy objects.
4. A _____ is a simple machine that is shaped like a triangle. It can be used to split, lift or hold objects in place.
5. A _____ is a simple machine that consists of two circular objects of different sizes that are connected by a rod. It can be used to move objects over a distance with less force.
6. A _____ is a simple machine that is like an inclined plane wrapped around a cylinder. It can be used to hold objects together or to lift heavy objects.



Answer Key:

1. Lever
2. Inclined plane
3. Pulley
4. Wedge
5. Wheel and axle
6. Screw



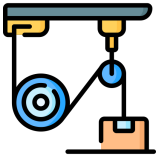
Instructions:

Fill in the blanks with the appropriate vocabulary words from the word bank below. Then, answer the questions about examples of each simple machine in the real world.

Word Bank:

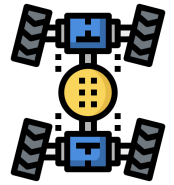
lever, inclined plane, pulley, wedge, wheel and axle, screw

1. A _____ is a simple machine that is made up of a rod or plank that pivots around a fixed point, called a fulcrum. It can help lift heavy objects with less force.
 - a. Example: A seesaw is an example of a _____.
 - b. Question: Can you think of any other examples of a _____ in the real world?
2. An _____ is a flat surface that is sloped. It can make it easier to move objects to a higher or lower level.
 - a. Example: A ramp is an example of an _____.
 - b. Question: Can you think of any other examples of an _____ in the real world?
3. A _____ is a simple machine that uses a rope or chain to help lift heavy objects.
 - a. Example: A flagpole is an example of a _____.
 - b. Question: Can you think of any other examples of a _____ in the real world?

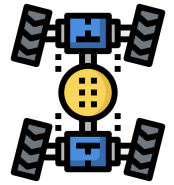
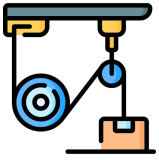


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Simple Machines Vocabulary Worksheet 2



4. A _____ is a simple machine that is shaped like a triangle. It can be used to split, lift, or hold objects in place.
- a. Example: A knife is an example of a _____.
 - b. Question: Can you think of any other examples of a _____ in the real world?
5. A _____ is a simple machine that consists of two circular objects of different sizes that are connected by a rod. It can be used to move objects over a distance with less force.
- a. Example: A bicycle is an example of a _____.
 - b. Question: Can you think of any other examples of a _____ in the real world?
6. A _____ is a simple machine that is like an inclined plane wrapped around a cylinder. It can be used to hold objects together or to lift heavy objects.
- a. Example: A jar lid is an example of a _____.
 - b. Question: Can you think of any other examples of a _____ in the real world?



Answer Key:

1. **Lever:** A seesaw is an example of a lever.
 - a. **Question:** Can you think of any other examples of a lever in the real world? (e.g. a crowbar, a pair of scissors, a hammer)
2. **Inclined plane:** A ramp is an example of an inclined plane.
 - a. **Question:** Can you think of any other examples of an inclined plane in the real world? (e.g. a staircase, a slide, a wheelchair ramp)
3. **Pulley:** A flagpole is an example of a pulley.
 - a. **Question:** Can you think of any other examples of a pulley in the real world? (e.g. a flagpole, a crane, a clothesline)
4. **Wedge:** A knife is an example of a wedge.
 - a. **Question:** Can you think of any other examples of a wedge in the real world? (e.g. an axe, a doorstop, a chisel)
5. **Wheel and axle:** A bicycle is an example of a wheel and axle.
 - a. **Question:** Can you think of any other examples of a wheel and axle in the real world? (e.g. a doorknob, a rolling pin, a car)
6. **Screw Example:** A jar lid is an example of a screw.
 - a. **Question:** Can you think of any other examples of a screw in the real world? (e.g. a lightbulb, a drill bit, a bottle cap)