



Simple Machines

Name: _____

Date: _____

Grade: Grade 3

Part A: Multiple Choice

Circle the best answer for each question.

1. Which simple machine is a ramp an example of?

- A) Lever
- B) Wedge
- C) Inclined plane
- D) Pulley

2. How does a pulley make work easier?

- A) It increases the weight of the load
- B) It changes the direction of the force
- C) It removes all friction
- D) It makes objects lighter

3. A screw is best described as which of the following?

- A) A flat surface used to slide objects
- B) A bar that turns on a fulcrum
- C) An inclined plane wrapped around a rod
- D) A thin blade that splits things apart

4. Which pair of objects are both examples of a wedge?

- A) Doorknob and steering wheel
- B) Knife and axe
- C) Seesaw and crowbar
- D) Flagpole rope and blinds cord

Part B: Fill in the Blank

Write the correct answer on each line.

1. A lever needs a _____ to work as a turning point.
2. A wheelbarrow combines a lever and a wheel and _____.
3. Simple machines make work easier by reducing the _____ you must apply.
4. A zipper uses tiny _____ that lock and unlock as you pull the tab.
5. Moving a piano up a long ramp requires less force but more _____.

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Part B: Fill in the Blank

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1. A lever needs a fulcrum to work as a turning point.
2. A wheelbarrow combines a lever and a wheel and axle.
3. Simple machines make work easier by reducing the force you must apply.
4. A zipper uses tiny wedges that lock and unlock as you pull the tab.
5. Moving a piano up a long ramp requires less force but more distance.