Name _____ Date _____

Instructions: Read each question carefully and choose the best answer.

1. Which of the following is true?
   - Ⓐ Machines make work harder.
   - Ⓑ A simple machine has many moving parts.
   - Ⓒ Machines make work easier.
   - Ⓓ There are three main types of simple machines.

2. A simple machine _____.
   - Ⓐ has lots of parts
   - Ⓑ is made of lots of compound machines
   - Ⓒ makes work harder to do
   - Ⓓ has very few parts

3. Which of the following is an example of an **inclined plane?**
   - Ⓐ ramp
   - Ⓑ hammer
   - Ⓒ bottle opener
   - Ⓓ pulley

4. Which simple machine lets you use less force to move things longer distances?
   - Ⓐ a door knob
   - Ⓑ a bulldozer
   - Ⓒ an inclined plane
   - Ⓓ a can opener

5. Which of the following is an example of a lever?
   - Ⓐ a ramp
   - Ⓑ a bottle opener
   - Ⓒ a knife
   - Ⓓ a steering wheel

6. Which is an example of a **wedge**?
   - Ⓐ can opener
   - Ⓑ flagpole
   - Ⓒ hammer
   - Ⓓ knife

Name _____ Date _____

7. What is a compound machine?

  Ⓐ Something that is used as a lever.

  Ⓑ Something that is made up of more than one simple machine.

  Ⓒ Something that makes it easier to raise and lower a flag.

  Ⓓ None of the above

8. Which machine is not part of a can opener?

  Ⓐ wheel and axle

  Ⓑ wedge

  Ⓒ inclined plane

  Ⓓ lever

9. How can machines help people?

  Ⓐ They can help cut things.

  Ⓑ They can help open doors.

  Ⓒ They can help steer a car.

  Ⓓ All of the above

10. What can you use a lever for?

  Ⓐ to move heavy rocks

  Ⓑ to cut something

  Ⓒ to pull a wagon

  Ⓓ all of the above

11. Extended Response: Divide the back of this page into two halves. In one half, list examples of simple machines people use at your house. In the other half, list examples of compound machines people use at your house.

Main Comprehension Skill: Problem and Solution

1. Ⓒ *Main Idea and Details*
2. Ⓓ *Vocabulary*
3. Ⓐ *Main Idea and Details*
4. Ⓒ *Main Idea and Details*
5. Ⓑ *Main Idea and Details*
6. Ⓓ *Main Idea and Details*
7. Ⓑ *Main Idea and Details*
8. Ⓒ *Make Inferences / Draw Conclusions*
9. Ⓓ *Main Idea and Details*
10. Ⓐ *Main Idea and Details*
11. Answers will vary.