

Name: _____

Date: _____

1. Which of these is a simple machine?

- A. a crayon
 - B. a wagon
 - C. a book
 - D. a paper clip
-

2. Bob and his dad are building a tree house. Which machine will help them lift the materials up into the tree?

- A. lever
 - B. pulley
 - C. wedge
 - D. wheel
-

3. The picture below shows a pair of scissors.



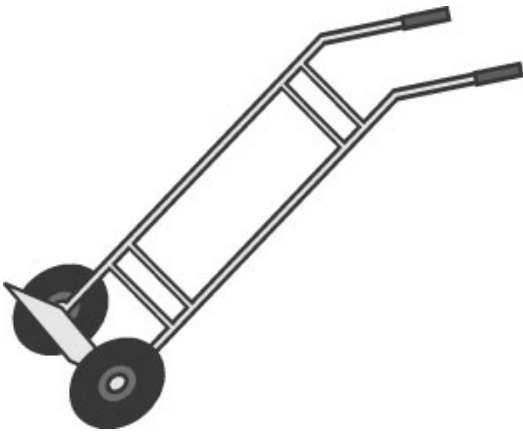
Scissors are an example of a complex machine. Which of the following simple machines are combined to make scissors?

- A. lever and gear
- B. gear and pulley
- C. lever and wedge
- D. wedge and pulley

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4.

Use the picture below to answer this question.



The hand truck shown in the picture is used in stores to move boxes. Which simple machines are part of a hand truck?

- A. pulley and lever
 - B. lever and wheel and axle
 - C. inclined plane and wheel
 - D. pulley and inclined plane
-

5. Which could help a person in a wheelchair get from the street onto the sidewalk?

- A. lever
 - B. inclined plane
 - C. screw
 - D. wheel and axle
-

6. When light hits a dark object, most of the light is

- A. absorbed.
 - B. reflected.
 - C. diffused.
 - D. refracted.
-

7. When you walk on the sidewalk and roll your bike, the force you use is a

- A. pull.
 - B. pulley.
 - C. push.
 - D. lever.
-

8. Use the table below to answer this question.

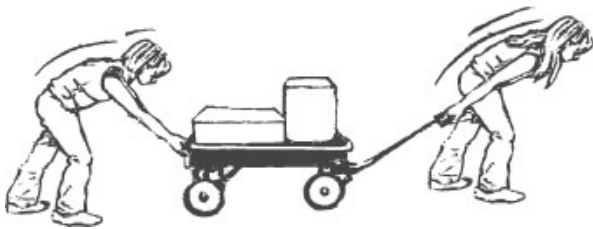
Animal	Hearing Range in Hertz
bat	100 – 100,000
dog	10 – 35,000
elephant	1 – 20,000
frog	100 – 2,500

The information in the table tells us that animals hear different sounds. Which animal hears the fewest sounds?

- A. bat
 - B. dog
 - C. elephant
 - D. frog
-

9.

Use the pictures below to answer this question.



Sally was pulling her heavy cart by herself. Then Jo began pushing on the back of the cart. This will

- A. keep the cart going at the same speed.
 - B. make the cart go backward.
 - C. make the cart go slower.
 - D. make the cart go faster.
-

10.

Which answer lists only simple machines?

- A. screw, car, tires
- B. lever, screw, wheel
- C. television, computers, lever
- D. lawn mower, edger, leaf blower

Answer Key

1. B) a wagon
2. B) pulley
3. C) lever and wedge

4. B) lever and wheel and axle
5. B) inclined plane
6. A) absorbed.
7. C) push.
8. D) frog
9. D) make the cart go faster.
10. B) lever, screw, wheel