

Name: _____

Date: _____

1. Use the table below to answer this question.

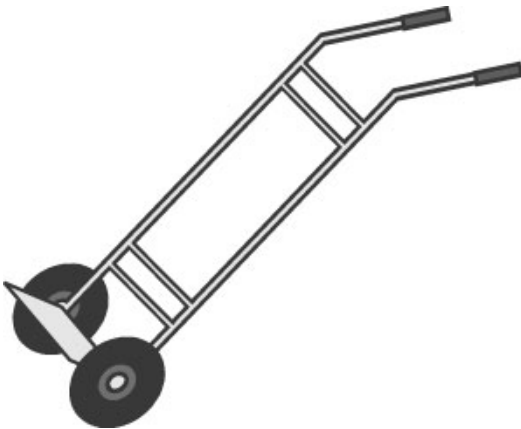
Animal	Hearing Range in Hertz
bat	100 – 100,000
dog	10 – 35,000
elephant	1 – 20,000
frog	100 – 2,500

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
-

2.

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
-

3. Which simple machine is used on a flagpole to help when the flag is raised?

- A. lever
- B. pulley
- C. inclined plane
- D. wedge

4.

Use the picture below to answer this question.



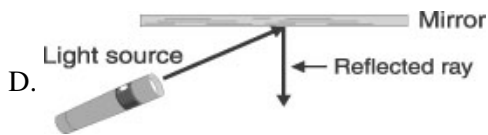
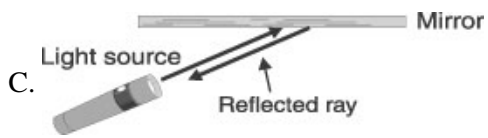
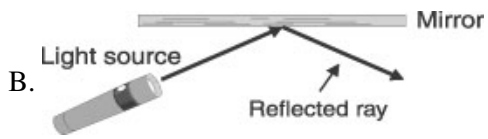
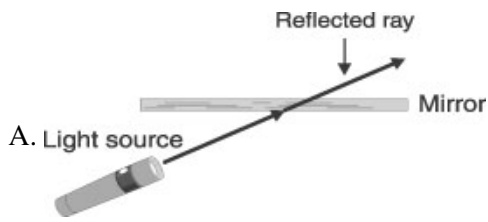
Several simple machines are used to make a bicycle. Which is an example of a lever?

- A. the wheel
 - B. the seat
 - C. the brake
 - D. the chain
-

5. If you are on a seesaw and want your friend to go down, use a force that is a

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

6. Which picture shows the correct reflected light ray?



7. A push or pull on an object will make it

- A. smaller.
- B. larger.
- C. hot.
- D. move.

8. 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
-

9.

Use the picture below to answer this question.



What simple machine is helping Tom move the soil?

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

10. Which sound would probably have the highest pitch?

- A. a balloon popping
- B. a hammer hitting wood
- C. an eraser hitting a chalkboard
- D. a metal rod hitting a musical triangle

Answer Key

1. D) frog
2. B) lever and wheel and axle
3. B) pulley
4. C) the brake
5. A) push.
6. B)

7. D) move.
8. B) inclined plane
9. B) wheel
10. D) a metal rod hitting a musical triangle