

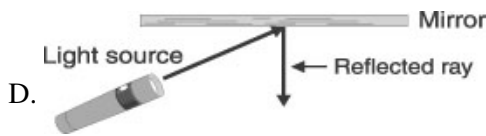
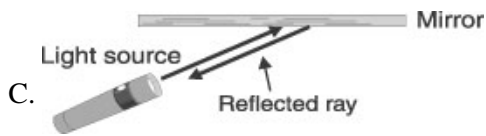
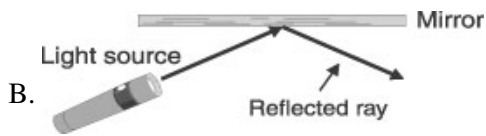
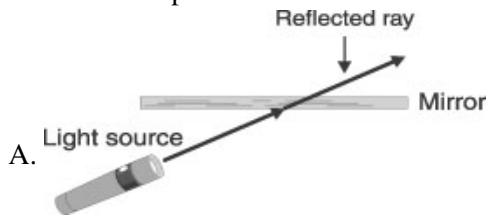
Name: _____

Date: _____

1. Which is a simple machine?

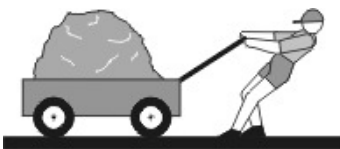
- A. water
- B. chair
- C. pulley
- D. candle

2. Which picture shows the correct reflected light ray?



3.

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

4.

Reflection occurs when

- A. light bends.
 - B. light shines in your eyes.
 - C. light goes through a surface.
 - D. light strikes a surface and bounces off.
-

5. Samuel's mother sent him to bring back a big bag of sand from a sandpile down the street. Which machine should Samuel use to help him do the job?

- A. crowbar
 - B. pulley
 - C. screwdriver
 - D. wheelbarrow
-

6.

A rapid vibration will

- A. cause a high pitched sound.
 - B. cause a low pitched sound.
 - C. not make a sound of any kind.
 - D. be so quiet you won't be able to hear it.
-

7. Which simple machine would be BEST for lifting a piano to the second floor?

- A. gear
 - B. screw
 - C. wedge
 - D. pulley
-

8.



The head of an axe is wide at one end and pointed at the other to help cut or trim trees. The axe head is an example of —

- A. a pulley
- B. a wheel and axle
- C. a wedge
- D. an inclined plane

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9. Why can astronauts jump higher on the Moon than on Earth?

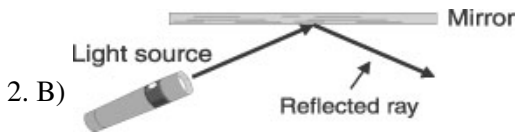
- A. There is more oxygen on the Moon.
 - B. Their pressurized suits help them.
 - C. The Moon's gravity is weaker than Earth's.
 - D. The warm temperature on the Moon gives the astronauts more energy,
-

10. Which would make the softest sound?

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

Answer Key

1. C) pulley



3. B) wheel

4. D) light strikes a surface and bounces off.

5. D) wheelbarrow

6. A) cause a high pitched sound.

7. D) pulley

8. C) a wedge

9. C) The Moon's gravity is weaker than Earth's.

10. C) eraser hitting a chalkboard