

1. What happens to light when it hits a mirror?

- A. The light cannot travel far
- B. The mirror absorbs all the light
- C. The light will refract
- D. The light only can travel in straight line so it will reflect.

2. A toy car is moving forward. It slowly comes to a stop by itself.

Why did this happen?

- A. Gravity is helping the car move forward.
- B. Friction is slowing the car down to a stop.
- C. Friction is helping the car move forward
- D. Gravity is pushing the car up.



3. A student is studying force. She tries to push a cart up a ramp.

Which change will reduce the amount of force needed to move the cart?

- A. Increase the size of the ramp
- B. Add more mass to the cart
- C. Decrease the height of the ramp
- D. Push the cart the same way



4. How long is a ROTATION?

- A. 10 hours
- B. 12 hours
- C. 24 hours
- D. 365 hours

5. What energy cause water to evaporate?

- A. Thermal energy
- B. Mechanical energy
- C. Sound energy
- D. Electrical energy

6. What kind of energy does a battery lamp use?

- A. Thermal to heat up things
- B. Mechanical to stand up
- C. Electrical to turn on
- D. Sound to make noise

7. A student put a glass of water in the freezer. The next morning the glass was completely frozen. Which statement correctly explains what happened?

- A. The liquid water evaporated out of the glass and became a gas.
- B. The liquid water froze overnight and became a solid.
- C. The gas water changed physical properties over and over.
- D. The solid water turned into a liquid water over night in the freezer.