

1. Fill in the blanks

- a. When we _____ a thing, it moves away from us.
- b. The ability to do work is _____.
- c. Any push or pull is _____.
- d. The orange falling from the tree is _____ energy.
- e. _____ is the main source of heat and light on the earth.

2. Match the following

- | | |
|---------------------|-----------------------------------|
| a. Force | to make something away from you |
| b. Push | a push or a pull |
| c. Food | to make something move towards us |
| d. Pull | chemical energy |
| e. Still bow string | potential energy |

3. Select true or false for each statement

- a. A plant needs sunlight to survive.
- b. We need energy to work.
- c. Force cannot change the direction of an object.
- d. Energy can be created and destroyed.
- e. Horn is an example of light energy.

4. Choose the correct option

- a. Moving things have:

kinetic energy potential energy sound energy thermal energy

- b. Work is said to be done when we:

read clean our clothes swim talk

- c. Pushing a cart is an example of:

work energy electrical energy light energy

- d. There are _____ effects of work.

four five two three

- e. In a torch chemical energy from battery is converted into _____ energy.

chemical potential light kinetic