

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