

# Work and Energy

Use your textbook to help you fill in the blanks.

## What is work?

1. In science, \_\_\_\_\_ is done when a force changes the motion of an object.
2. Picking up a book is work because a force is used and the book \_\_\_\_\_.
3. Dropping a book is work because \_\_\_\_\_ changes the motion of the book.
4. Work is not done on an object when you push it and it does not \_\_\_\_\_.
5. Picking up a boulder is \_\_\_\_\_ work than picking up a pebble.

## What is energy?

6. People need \_\_\_\_\_ to do work.
7. The ability to do \_\_\_\_\_ is a way to describe \_\_\_\_\_.
8. Energy makes it possible for changes in \_\_\_\_\_ to take place.
9. The two main forms of energy are \_\_\_\_\_ and \_\_\_\_\_.