

# Vocabulary Vigor



For each definition, circle the letter of the matching term. Then write the circled letter in the puzzle below.

1. This is the capacity to do work or to cause change.
  - A. matter
  - B. energy
  - C. force
2. This is one of the four types of energy—the energy of an object when it is in motion.
  - B. chemical energy
  - E. potential energy
  - F. kinetic energy
3. This is the second of the four types of energy—the energy an object has because of where it is or how it's made.
  - A. chemical energy
  - B. potential energy
  - C. kinetic energy
4. This is the type of potential energy an object has because of its height—picture a ball at the top of its bounce.
  - B. gravitational energy
  - E. chemical energy
  - F. electrical energy
5. This is the kinetic energy that moving objects have.
  - A. radiant energy
  - B. solar energy
  - C. mechanical energy
6. This type of potential energy is stored in food, natural gas, and coal.
  - B. mechanical energy
  - E. chemical energy
  - F. solar energy

7. This kinetic energy travels in waves and is used in alternators, frays, and radio waves.
  - A. radiant energy
  - B. chemical energy
  - C. food energy
8. This is another name for potential energy.
  - B. kinetic energy
  - E. stored energy
  - F. motion
9. This is another name for kinetic energy.
  - A. motion
  - B. working energy
  - C. potential energy
10. This type of kinetic energy is made when an object vibrates. The vibrations move in waves.
  - B. solar energy
  - E. chemical energy
  - F. sound energy
11. Another form of kinetic energy, this is caused by the movement of electrons.
  - A. electrical energy
  - B. chemical energy
  - C. sound energy
12. When molecules of matter move, they produce heat, or this type of kinetic energy.
  - B. thermal energy
  - E. physical energy
  - F. solar energy

13. This is the source of most of the world's energy.
  - A. fossil fuels
  - B. electricity
  - C. the sun
14. This is the potential energy stored in compressed objects, such as springs and rubber bands.
  - D. gravitational energy
  - E. chemical energy
  - F. elastic energy
15. This is the energy that is stored in the nucleus of an atom.
  - A. nuclear energy
  - B. electrical energy
  - C. solar energy
16. This kinetic energy is a visible radiant energy that travels from the sun through space.
  - D. sound energy
  - E. light energy
  - F. chemical energy

To check your work:

1. Each letter must appear only once in each region.
2. Each letter must appear only once in each row.
3. Each letter must appear only once in each column.

|   |   |   |  |
|---|---|---|--|
|   | a | b |  |
|   |   |   |  |
|   |   |   |  |
|   |   |   |  |
| c |   |   |  |
|   |   |   |  |