

Name _____ answer key _____ Date _____

FORMS OF ENERGY

Fill in the blanks with the words in the word bank. Some words will be used more than once. Use the word that best completes the sentence.

| | | | |
|------------|---------------------|-------------------|-------------------------|
| electrical | thermal | energy efficiency | radiant |
| kinetic | conservation energy | motion | gravitational potential |
| potential | elastic | chemical | sound |
| | | | nuclear |

1. The movement of atoms, molecules, waves, and electrons is _____ kinetic _____ energy.
2. The movement of electrons is _____ electrical _____ energy.
3. The amount of useful energy you get from a system is its _____ energy efficiency _____.
4. Stored energy and the energy of position are _____ potential _____ energy.
5. X-rays are an example of _____ radiant _____ energy.
6. Fission and fusion are examples of _____ nuclear _____ energy.
7. The energy in petroleum and coal is stored as _____ chemical _____ energy.
8. The vibration and movement of the atoms and molecules within substances is called _____ thermal _____ energy.
9. The scientific rule that states that energy cannot be created or destroyed is called the Law of _____ conservation energy _____.
10. The movement of energy through substances in longitudinal waves is _____ sound _____ energy.
11. The energy of position—such as a rock on a hill—is _____ gravitational potential _____ energy.
12. A hydropower reservoir is an example of _____ gravitational potential _____ energy.
13. Wind is an example of the energy of _____ motion _____.
14. Compressed springs and stretched rubber bands are examples of _____ elastic _____ energy.
15. The movement of objects and substances from place to place is _____ motion _____ energy.
16. Electromagnetic energy traveling in transverse waves is _____ radiant _____ energy.
17. Energy stored in the bonds of atoms and molecules is _____ chemical _____ energy.