

Fossil Fuels
Nuclear Energy

Directions: For each of the following, write the letter of the term or phrase that best completes the sentence.

- _____ 1. _____ is not a fossil fuel.
a. Coal b. Wind
- _____ 2. All fossil fuels are _____.
a. nonrenewable b. renewable
- _____ 3. Nuclear fusion converts _____ to _____.
a. oxygen; hydrogen b. hydrogen; helium
- _____ 4. About _____ percent of the energy used in the United States comes from burning fossil fuels.
a. 50 b. 85
- _____ 5. The many different compounds that are found in _____ are separated in a process called fractional distillation.
a. petroleum b. natural gas

Decide if the statement is "True" or "False". If it is True, write true in the box, if it is false write the word that makes it true in the box.

- _____ 6. Nuclear wastes must be disposed of carefully so *radiation* will not leak into the environment.
- _____ 7. Fossil fuels form from *nuclear chain reactions*.
- _____ 8. *Coal* has uses other than energy, such as plastics and lubricants.
- _____ 9. When fossil fuels are burned to produce electricity, *more* energy is lost in the process than is delivered to homes, schools, and businesses.
- _____ 10. In a nuclear reactor, the actual fission of the radioactive fuel occurs in the part of the reactor called the *control rod*.