

Match the vocabulary words with the definition.

combustion	precipitate
component	one part of a system
convey	flow throughout
discretely	relating to the sun
permeate	turn around
rotate	point of origin
solar	separately
source	process of burning
trigger	transport from one place to another

Use one of the vocabulary words above in these sentences.

It is often difficult to _____ the meaning of a poem to a large audience.
 The _____ of the gossip was someone inside this office.
 Her bad mood that day _____ the atmosphere in the lab.
 The internal _____ engine revolutionized the way automobiles run.
 A cigarette _____ the explosion.

Read the passage below.

Most of the electricity in the United States is produced in steam turbines. There are many discrete steps in the process. In a steam turbine, combustion of coal, petroleum, or natural gas heats water to make steam. The steam rotates a shaft that is connected to a generator that produces electricity. Finally, that electricity is converted by a transformer and conveyed from the turbine to its place of use. Many sources can provide energy to heat the water in a steam turbine. Coal is primary, producing 51 percent of the country's electricity. Another common way to heat water for steam turbines is through nuclear power. In nuclear fission, atoms of uranium fuel are hit by neutrons, triggering a continuous chain of fission that releases heat. In 2001, nuclear power generated 21 percent of the electricity in the United States. Solar power produces less than 1 percent of the United States' electricity needs, because it is not regularly available and harnessing it is more expensive than using fossil fuels. Dependence on electricity permeates daily life in the United States. Still, few people are aware of the many components of electricity production.

1. What does the author say about solar power?
 - a-It produces more electricity than any other source.
 - b-It is a relatively small source of energy for heating water in steam turbines.
 - c-Electricity producers are trying to use it more regularly.
 - d-Researchers are trying to make it cheaper to use.

2. In the passage, the word transformer probably refers to a:
 - a-truck
 - b-generator that produces electricity
 - c-type of turbine
 - d-device that changes electric currents

3. Summarize this paragraph in two to three sentences. Be prepared to read your sentences to the class.