

Name _____

What Role Do Uranium and Plutonium Play in Nuclear Reactors?

Multiple Choice Questions

1. What do uranium and plutonium do in a nuclear reactor?
 - A. Cool the reactor
 - B. Store electricity
 - C. Act as fuel
 - D. Spin the turbine
2. What happens during fission?
 - A. Two atoms are combined
 - B. An atom is split
 - C. Water turns into ice
 - D. Wind moves the blades
3. What does the steam do in a nuclear power plant?
 - A. Spins the turbine
 - B. Spreads the uranium
 - C. Heats the fuel
 - D. Becomes electricity
4. Which type of uranium is used in reactors?
 - A. Uranium-239
 - B. Uranium-100
 - C. Uranium-235
 - D. Uranium-12
5. Why must used nuclear fuel be stored safely?
 - A. It is cold
 - B. It loses power quickly
 - C. It turns to water
 - D. It stays radioactive

