

Name _____

Could Nuclear-Powered Spaceships Take Us to Mars?

Multiple Choice Questions

1. What is one reason nuclear-powered ships could help astronauts?
 - A. They travel faster than regular rockets
 - B. They make spaceships heavier
 - C. They use solar energy
 - D. They need a lot of fuel

2. What is nuclear fission?
 - A. Freezing atoms
 - B. Mixing water and electricity
 - C. Splitting atoms to release energy
 - D. Shining light on metal

3. How long can nuclear fuel last in space?
 - A. A few days
 - B. One month
 - C. Several years
 - D. A few hours

4. What kind of gas is used in nuclear thermal propulsion?
 - A. Oxygen
 - B. Hydrogen
 - C. Helium
 - D. Carbon dioxide

5. What is one problem with using nuclear power in space?
 - A. It doesn't work in space
 - B. It takes too long to start
 - C. It uses too much water
 - D. It might not be safe