

Name _____

What Role Does Solar Energy Play in Space Exploration?

Multiple Choice Questions

1. What helps spacecraft collect sunlight for energy?
 - A. Solar panels
 - B. Fuel tanks
 - C. Batteries
 - D. Antennas

2. Why is solar power useful in space?
 - A. There are gas stations
 - B. The sun always shines
 - C. The wind helps spin turbines
 - D. Planets give off energy

3. What powers the International Space Station?
 - A. A nuclear engine
 - B. Solar panels
 - C. Water power
 - D. Batteries from Earth

4. Which planet do the rovers Spirit and Opportunity explore?
 - A. Earth
 - B. Jupiter
 - C. Venus
 - D. Mars

5. What is one challenge solar panels face in space?
 - A. Too much rain
 - B. Heavy snow
 - C. Dust covering them
 - D. Being too loud

