



Solar System

Name: _____

Date: _____

Grade: Grade 5

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: The Sun is the largest planet in our solar system and is made of solid iron.

Rewrite: _____

2. Fix the sentence: Neil Armstrong was the first person to walk on Mars in 1969.

Rewrite: _____

3. Fix the sentence: A telescope is a tool scientists use to listen to sounds coming from other planets.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. The Sun makes up about 99 percent of the total _____ of the solar system.
2. Light from the Sun takes about _____ minutes to reach Earth.
3. The Hubble Space _____ orbits Earth and takes detailed images of distant galaxies.
4. The International Space _____ is a laboratory where astronauts live and work in orbit.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why is the Sun important to life on Earth?

2. Name one spacecraft or mission that explored the outer solar system and describe what it studied.

Answer Key · Solar System · Grade: Grade 5

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: The Sun is the largest planet in our solar system and is made of solid iron.

Rewrite: The Sun is a star at the center of our solar system and is made mostly of hydrogen and helium gas.

2. Fix the sentence: Neil Armstrong was the first person to walk on Mars in 1969.

Rewrite: Neil Armstrong was the first person to walk on the Moon in 1969.

3. Fix the sentence: A telescope is a tool scientists use to listen to sounds coming from other planets.

Rewrite: A telescope is a tool scientists use to observe distant objects in space by collecting light.

Part B: Fill in the Blank

Write the missing word or number on each line.

- The Sun makes up about 99 percent of the total mass of the solar system.
- Light from the Sun takes about 8 minutes to reach Earth.
- The Hubble Space Telescope orbits Earth and takes detailed images of distant galaxies.
- The International Space Station is a laboratory where astronauts live and work in orbit.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why is the Sun important to life on Earth?

The Sun provides the light and heat energy that Earth needs. Plants use sunlight to make food through photosynthesis, and the Sun's warmth keeps temperatures suitable for living things.

2. Name one spacecraft or mission that explored the outer solar system and describe what it studied.

The Voyager missions traveled past Jupiter, Saturn, Uranus, and Neptune, sending back detailed photographs and data about each planet's atmosphere, rings, and moons.
