



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: Jupiter is the smallest planet in our solar system and is made of solid rock.

Rewrite: _____

2. Fix the sentence: Venus is the coldest planet because it is the second planet from the Sun.

Rewrite: _____

3. Fix the sentence: Saturn is famous for its large red spot which is a giant storm.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. The planet closest to the Sun is _____ .
2. Earth is the only planet known to have liquid _____ on its surface.
3. Mars is often called the _____ planet because of iron oxide on its surface.
4. The mnemonic My Very Excellent Mother Just Served Us _____ helps remember planet order.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. List the eight planets in order from the Sun.

2. Why is Mercury the planet with the biggest temperature swings even though it is closest to the Sun?

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: Jupiter is the smallest planet in our solar system and is made of solid rock.

Rewrite: Jupiter is the largest planet in our solar system and is made mostly of gas.

2. Fix the sentence: Venus is the coldest planet because it is the second planet from the Sun.

Rewrite: Venus is the hottest planet because its thick atmosphere traps heat like a greenhouse.

3. Fix the sentence: Saturn is famous for its large red spot which is a giant storm.

Rewrite: Saturn is famous for its ring system which is made of ice and rock.

Part B: Fill in the Blank

Write the missing word or number on each line.

- The planet closest to the Sun is Mercury.
- Earth is the only planet known to have liquid water on its surface.
- Mars is often called the red planet because of iron oxide on its surface.
- The mnemonic My Very Excellent Mother Just Served Us Nachos helps remember planet order.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. List the eight planets in order from the Sun.

The eight planets in order from the Sun are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune.

2. Why is Mercury the planet with the biggest temperature swings even though it is closest to the Sun?

Mercury has no atmosphere to trap heat. During the day the surface gets extremely hot, but at night the heat escapes into space and it becomes extremely cold.
