



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: Day and night happen because the Sun moves around Earth every 24 hours.

Rewrite: _____

2. Fix the sentence:

Seasons change because Earth moves closer to the Sun in summer and farther away in winter.

Rewrite: _____

3. Fix the sentence: The Moon produces its own light which is why we can see it shining at night.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. Earth's axis is tilted at about _____ degrees, which causes the seasons.
2. The Moon takes about _____ days to complete one orbit around Earth.
3. When the Northern Hemisphere has summer, the Southern Hemisphere has _____.
4. A full _____ occurs when the entire sunlit side of the Moon faces Earth.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain why it is daytime on one side of Earth and nighttime on the other side at the same moment.

2. Why does the Moon appear to change shape throughout the month?

Part A: Fix the Sentence

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

1. Fix the sentence: Day and night happen because the Sun moves around Earth every 24 hours.

Rewrite: Day and night happen because Earth rotates on its axis every 24 hours.

2. Fix the sentence:

Seasons change because Earth moves closer to the Sun in summer and farther away in winter.

Rewrite: Seasons change because Earth's axis is tilted, so different parts receive more direct sunlight at different times of year.

3. Fix the sentence: The Moon produces its own light which is why we can see it shining at night.

Rewrite: The Moon reflects light from the Sun which is why we can see it shining at night.

Part B: Fill in the Blank

Write the missing word or number on each line.

1. Earth's axis is tilted at about 23.5 degrees, which causes the seasons.
2. The Moon takes about 27 days to complete one orbit around Earth.
3. When the Northern Hemisphere has summer, the Southern Hemisphere has winter .
4. A full moon occurs when the entire sunlit side of the Moon faces Earth.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain why it is daytime on one side of Earth and nighttime on the other side at the same moment.

Earth rotates on its axis, so the side facing the Sun receives sunlight and has daytime while the side facing away is in shadow and has nighttime.

2. Why does the Moon appear to change shape throughout the month?

As the Moon orbits Earth, we see different amounts of its sunlit side. The changing angle between the
