



Solar System

Name: _____

Date: _____

Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

1. A _____ moon phase occurs when the Moon is completely dark as seen from Earth.
2. During a solar _____, the Moon passes between the Sun and Earth, blocking sunlight.
3. The Moon's cycle from new moon to new moon takes about _____ days.
4. A lunar eclipse happens when Earth's _____ falls on the Moon.
5. The pull of the Moon's gravity on Earth's oceans causes the rise and fall of _____.
6. When more of the Moon's sunlit side becomes visible each night, the Moon is said to be _____.
7. A _____ moon appears when exactly half of the Moon's face is lit by the Sun.
8. Earth's _____ is an imaginary line running from the North Pole to the South Pole.
9. The longest day of the year in the Northern Hemisphere is called the summer _____.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

New moon	→ _____	Earth's shadow covers the Moon turning it reddish
Full moon	→ _____	The entire sunlit half of the Moon faces Earth
Solar eclipse	→ _____	The Moon blocks the Sun's light from reaching Earth
Lunar eclipse	→ _____	The Moon's sunlit side faces away from Earth

Part A: Fill in the Blank

Write the missing word or number on each line.

1. A new moon phase occurs when the Moon is completely dark as seen from Earth.
2. During a solar eclipse, the Moon passes between the Sun and Earth, blocking sunlight.
3. The Moon's cycle from new moon to new moon takes about 29 days.
4. A lunar eclipse happens when Earth's shadow falls on the Moon.
5. The pull of the Moon's gravity on Earth's oceans causes the rise and fall of tides.
6. When more of the Moon's sunlit side becomes visible each night, the Moon is said to be waxing.
7. A quarter moon appears when exactly half of the Moon's face is lit by the Sun.
8. Earth's axis is an imaginary line running from the North Pole to the South Pole.
9. The longest day of the year in the Northern Hemisphere is called the summer solstice.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

New moon	→ <u>The Moon's sunlit side faces away from Earth</u>	Earth's shadow covers the Moon turning it reddish
Full moon	→ <u>The entire sunlit half of the Moon faces Earth</u>	The entire sunlit half of the Moon faces Earth
Solar eclipse	→ <u>The Moon blocks the Sun's light from reaching Earth</u>	The Moon blocks the Sun's light from reaching Earth
Lunar eclipse	→ <u>Earth's shadow covers the Moon turning it reddish</u>	The Moon's sunlit side faces away from