Name _____ Date _____

**Instructions:** Read each question carefully and choose the best answer.

**1.** Which of the following causes the change of seasons?

Ⓐ Earth rotates around its axis.

Ⓑ Earth is tilted on its axis.

Ⓒ Earth revolves around the Sun.

Ⓓ Earth moves through the solar system.

**2.** How many full rotations does Earth make in 30 days?

Ⓐ 1

Ⓑ 12

Ⓒ 30

Ⓓ 365

**3.** What is an **eclipse**?

Ⓐ the regular rise and fall of the ocean produced by gravity

Ⓑ one complete circle made by a planet along its orbital path

Ⓒ the natural force that tends to pull objects toward each other

Ⓓ the partial or complete hiding or darkening of one celestial body

**4.** A full year on Earth corresponds to _____.

Ⓐ the addition of one extra day to the calendar

Ⓑ one full turn of Earth around its vertical axis

Ⓒ one complete orbit of Earth around the Sun

Ⓓ the endless cycle of day and night

**5.** Which of the following is a fact from the book?

Ⓐ The three most important objects in the solar system are the Sun, our planet Earth, and Earth's Moon.

Ⓑ When one side of Earth is rotated towards the Sun, it is day on that half of the planet and night on the other half.

Ⓒ There is no more spectacular sight on Earth than a total eclipse of the Sun.

Ⓓ A day is just long enough to accomplish some work, have a relaxing evening, and then get enough sleep to start a new day.

*Quick Check continued on following page*

Name _____ Date _____

**6.** Read this sentence from the book: *The gravitational pulls of the Sun and Moon produce the tides in our planet's oceans.* Which word in this sentence explains where tides are?

Ⓐ Sun

Ⓑ Moon

Ⓒ oceans

Ⓓ gravitational

**7.** Which of the following best explains why the Moon has a stronger tidal effect on Earth than the Sun?

Ⓐ because both Earth and the Moon revolve around the Sun

Ⓑ because the Moon has greater gravity than the Sun

Ⓒ because the Moon is small compared to Earth and the Sun

Ⓓ because the Moon is closer to Earth than it is to the Sun

**8.** Which of the following best describes a new moon as seen from Earth?

Ⓐ far

Ⓑ opposite

Ⓒ dark

Ⓓ full

**9.** Why is Julius Caesar's realization of the leap year so important?

Ⓐ Now everyone can have a time set aside to leap around once a year.

Ⓑ The calendar now accurately reflects Earth's movement around the sun.

Ⓒ Julius Caesar wanted his reign remembered, so he invented the leap year.

Ⓓ They make up for the lost time before leap years were recognized.

*Quick Check continued on following page*

Name _____ Date _____

**10.** How does the time Earth takes to rotate on its axis compare to the time it takes the Moon to rotate on its axis?

Ⓐ It takes longer for Earth to rotate on its axis than it does for the Moon to rotate on its axis.

Ⓑ It takes longer for the Moon to rotate on its axis than it does for Earth to rotate on its axis.

Ⓒ It takes the same amount of time for Earth to rotate on its axis as it does for the Moon to rotate on its axis.

Ⓓ The Earth and the Moon do not rotate on an axis so they cannot be compared.

**11. Extended Response:** What is the difference between rotation and revolution? Give an example from the book.

**12. Extended Response:** Why are the Sun and Moon so important to Earth?

Quick Check Answer Sheet

# The Sun, Earth, and Moon

*Main Comprehension Skill: Make Inferences / Draw Conclusions*

1. Ⓑ *Cause and Effect*
2. Ⓒ *Make Inferences / Draw Conclusions*
3. Ⓓ *Vocabulary*
4. Ⓒ *Cause and Effect*
5. Ⓑ *Fact or Opinion*
6. Ⓒ *Vocabulary*
7. Ⓓ *Cause and Effect*
8. Ⓒ *Cause and Effect*
9. Ⓑ *Make Inferences / Draw Conclusions*
10. Ⓑ *Compare and Contrast*
11. Answers will vary. Example: *Rotation is when something—in this case, a heavenly body—turns or spins in place around its center or axis. Revolution is when a heavenly body circles or orbits around another heavenly body. Earth rotates on its axis. Earth revolves around the Sun.*
12. Answers will vary somewhat but should include that the Sun and the Moon have an effect on Earth's length of day, length of year, weather, tides, and so on.