

Name \_\_\_\_\_ Date \_\_\_\_\_

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

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| <p>1. On earth, which of the following is caused by the Sun?</p> <ul style="list-style-type: none"> <li>Ⓐ seasons</li> <li>Ⓑ climate</li> <li>Ⓒ wind</li> <li>Ⓓ all of the above</li> </ul> <p>2. The length of a day on each planet _____.</p> <ul style="list-style-type: none"> <li>Ⓐ is twenty-four hours</li> <li>Ⓑ depends on how fast the planet spins</li> <li>Ⓒ depends on the size of the planet</li> <li>Ⓓ varies based on the size of the planet's orbit</li> </ul> <p>3. In the Solar System, what do planets, comets, and asteroids have in common?</p> <ul style="list-style-type: none"> <li>Ⓐ They are made of rock.</li> <li>Ⓑ They orbit the Sun.</li> <li>Ⓒ They are made of gas.</li> <li>Ⓓ They orbit the Moon.</li> </ul> | <p>4. What is <b>atmosphere</b>?</p> <ul style="list-style-type: none"> <li>Ⓐ the pull from the Sun on a planet</li> <li>Ⓑ the group of planets orbiting the Sun</li> <li>Ⓒ the gases that make up some planets</li> <li>Ⓓ the gases surrounding a planet, moon, or sun</li> </ul> <p>5. If the Sun were the size of a ball a man could stand in, how big would earth be?</p> <ul style="list-style-type: none"> <li>Ⓐ the size of a grape</li> <li>Ⓑ the size of a lemon</li> <li>Ⓒ the size of a baseball</li> <li>Ⓓ the size of a basketball</li> </ul> <p>6. What detail supports the main idea that Mars is the most earth-like planet?</p> <ul style="list-style-type: none"> <li>Ⓐ Both planets orbit the Sun.</li> <li>Ⓑ Both planets have similar seasons.</li> <li>Ⓒ Both planets are made of rock.</li> <li>Ⓓ all of the above</li> </ul> |
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*Quick Check continued on following page*

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7. What is an **orbit**?

- Ⓐ a planet outside our solar system
- Ⓑ the large group of stars our Sun is in
- Ⓒ an object from space that lands on earth
- Ⓓ the path an object travels around another object

8. What detail from the text makes Saturn like Neptune and Uranus?

- Ⓐ It is bright blue.
- Ⓑ It has a system of rings around it.
- Ⓒ It is the biggest, brightest object in the sky.
- Ⓓ It is not very dense and spins very slowly.

9. What would happen if earth lost its atmosphere?

- Ⓐ All creatures would die.
- Ⓑ The Sun's rays would hurt humans.
- Ⓒ More meteors would hit earth.
- Ⓓ all of the above

10. What are **fossil fuels**?

- Ⓐ dead plants that have turned into gas, oil, coal
- Ⓑ old animal bones left in stone
- Ⓒ the fuel the Sun burns
- Ⓓ all of the above

11. **Extended Response:** Why is Jupiter like a mini-solar system?

12. **Extended Response:** Is the Sun the most important object in the Solar System? Explain your answer.

## Quick Check Answer Sheet

## Our Solar System

*Main Comprehension Skill: Main Idea and Details*

1. Ⓓ *Main Idea and Details*
2. Ⓑ *Make Inferences / Draw Conclusions*
3. Ⓑ *Compare and Contrast*
4. Ⓓ *Vocabulary*
5. Ⓐ *Main Idea and Details*
6. Ⓓ *Main Idea and Details*
7. Ⓓ *Vocabulary*
8. Ⓑ *Compare and Contrast*
9. Ⓓ *Make Inferences / Draw Conclusions*
10. Ⓐ *Vocabulary*
11. Jupiter is made of gas and produces its own heat, is very large, and has many objects that orbit it.
12. Answers will vary but should take a position and support it with details from the text.