

# Astronomy Walk-About

## Unit Review

Name \_\_\_\_\_

Date \_\_\_\_\_

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| What does the rotation of the Earth cause? (1-1) |  | What causes planets to stay in orbit around the sun? (1-2) |  | What causes the moon considered a satellite? (1-1)                                                                   |  | What is the difference between a rotation and a revolution? (1-1) |  | How long does it take for the following:<br>a.) 1 rotation of our moon?<br>b.) 1 rotation of the Earth?<br>c.) 1 revolution of Earth around the sun?<br>(1-1) |  | What attracts all objects to each other? (1-2)              |  |
|                                                  |  | What causes tides? (1-3)                                   |  | Name the phases of the moon in the order in which they occur. Put a star next to the phase that we cannot see. (1-3) |  | What is the surface of the moon made up of? (1-4)                 |  |                                                                                                                                                               |  | What are the areas on the moon formed from lava flow? (1-4) |  |

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| <p>What allowed Galileo to prove Copernicus' theory that the sun is the center of the solar system? ( 3-1)</p>                                                                                                                                              | <p>What makes up our solar system? (3-1)</p>                 | <p>What does an astronomer do? ( 3-1)</p>        | <p>Explain the difference between heliocentric and geocentric. (3-1)</p>   | <p>Which inner planet has liquid water? (3-3)</p> |  |  | <p>Name the planets in order starting at the sun? (3-3;3-4)</p> |
| <p>a.) Label the following as Inner or Outer Planets:<br/>a.) Massive, made up mostly of gas, longer orbits, have rings, many moons and are cooler.<br/>b.) Small, dense, rocky surfaces, shorter orbits, no rings, few moons and are warmer. (3-3;3-4)</p> | <p>What is the largest member of our solar system? (3-4)</p> | <p>Where is the asteroid belt located? (3-5)</p> | <p>What is the unit commonly used to measure distances in space? (4-2)</p> |                                                   |  |  |                                                                 |

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| <div> <div> What does a star's color tell us about the star?(4-2) </div> <div> What is a constellation?(4-2) </div> </div> | <div> <div> </div> <div> </div> </div> | <div> <div> </div> <div> </div> </div> | <div> <div> </div> <div> </div> </div> |
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