

Name: _____

Science Big 16 Review - Week 13

Monday	<p>1. How long does it take Earth to rotate once on its axis?</p> <p>a. 365 days b. one year c. 24 hours d. 29.5 days</p>	<p>2. Which of the following is a planet?</p> <p>a. Earth b. the Sun c. the Moon d. Comet Levy-9</p>	<p>3. What is an axis?</p> <p>a. a simple machine made up too look like a wedge b. a vertical line that has arrows in two different directions c. an imaginary line through the center of an object d. the time line that separates Earth into different time zones</p>	<p>4. Why do the planets appear in different locations in the night sky while the pattern of stars in a constellation stays the same?</p> <p>a. The stars orbit the Sun while the planets do not. b. The planets give off their own light while the stars do not. c. The moons give off their own light while the planets do not. d. The planets orbit the Sun while the stars do not.</p>						
Tuesday	<p>5. Using the length of its year, decide which of these planets is the farthest from the Sun.</p> <p>A. Mercury - 88 Earth days B. Jupiter - 12 Earth years C. Venus - 225 Earth days D. Uranus - 84 Earth years</p>	<p>6. Why do objects seen through translucent material appear blurry?</p> <p>a. The material allows all light to pass through. b. The material blocks all light. c. The object is blurry. d. The material allows some light to pass through and scatters the light.</p>	<p>7. How are waves and sound related to energy?</p> <p>e. A sound is a kind of wave that carries energy we can hear. f. Waves and sound are not related to energy. g. Energy is a kind of sound. h. Sound energy does not travel in waves.</p>	<p>8. According to the table, which runner has the fastest speed?</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p style="text-align: center; background-color: #007bff; color: white; padding: 2px;">2-km Race Results</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Runner 1</td> <td style="padding: 5px;">8 min 32 s</td> </tr> <tr> <td style="padding: 5px;">Runner 2</td> <td style="padding: 5px;">10 min 50 s</td> </tr> <tr> <td style="padding: 5px;">Runner 3</td> <td style="padding: 5px;">11 min 59 s</td> </tr> </table> </div> <p>a. Runner 1 b. Runner 2 c. Runner 3 d. None of the above.</p>	Runner 1	8 min 32 s	Runner 2	10 min 50 s	Runner 3	11 min 59 s
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<p style="text-align: center;">Wednesday</p>	<p>9. Riding your bicycle across _____ would be easiest.</p> <ul style="list-style-type: none"> a. gravel b. sand c. grass d. sidewalk 	<p>10. During rehearsal of the 5th grade band, Mrs. Anderson hears Logan play the baritone sax well. This instrument plays at a low pitch because...</p> <ul style="list-style-type: none"> a. The baritone sax is longer than the other instruments. b. Logan blows into the sax the hardest. c. The baritone sax is made of a metal that makes a loud sound. d. The air in the baritone sax moves back and forth the slowest. 	<p>11. What is a gas giant?</p> <ul style="list-style-type: none"> a. a very large planet made up mostly of gases b. a very large star only found outside our solar system c. a very large moon found only among the outer planets d. a dwarf planet made only of gases 	<p>12. When light hits a smooth surface, like a still pond, it will</p> <ul style="list-style-type: none"> a. be absorbed by the surface of the water. b. be reflected in one direction. c. be reflected in many directions. d. be refracted as it breaks the surface of the water.
<p style="text-align: center;">Thursday</p>	<p>13. Which of the following steps in the scientific method allows you to find out more about your topic?</p> <ul style="list-style-type: none"> A. hypothesis B. ask a question C. experiment D. research 	<p>14. A car traveled 120 km in 2 hours. Using this data, you can calculate its...</p> <ul style="list-style-type: none"> a. speed. b. velocity. c. position. d. mass and volume. 	<p>15. The coldest time of year in Georgia is...</p> <ul style="list-style-type: none"> a. Spring b. Summer c. Autumn d. Winter 	<p>16. You and a friend are conducting an experiment in the Science Lab. Which of these would be a careful record?</p> <ul style="list-style-type: none"> a. observations that you describe to your teacher b. notes that your friend writes on scratch paper c. a data table you complete d. observations you discuss with your friend later