



Name _____

Science - Big 16 Review - Week 12

<p>Monday</p>	<p>1. Your Science lab work space should be...</p> <ul style="list-style-type: none">a. comfortable with snacks and drinks in case you get hungry or thirsty.b. messy because you are conducting experiments.c. clean and tidy.d. materials spread out in all directions taking up as much space as possible.	<p>2. Which of these is a scientific inquiry?</p> <ul style="list-style-type: none">a. finding out how much food is thrown out in the cafeteriab. explaining how to plant tomatoesc. using your grandmother's recipe to bake cookiesd. convincing people to work on a community project	<p>3. On a hot, summer day, you may feel warmer if you wear a black shirt rather than a white shirt. This is because black objects...</p> <ul style="list-style-type: none">a. absorb light.b. dissolve light.c. reflect light.d. transmit light.	<p>4. Olivia has a heavy ball and a light ball. She throws each two times with a different force. Which will MOST LIKELY move a longer distance before stopping?</p> <ul style="list-style-type: none">a. the light ball thrown with a strong forceb. the heavy ball thrown with a strong forcec. the light ball thrown with a weak forced. the heavy ball thrown with a weak force
<p>Tuesday</p>	<p>5. Of the following, which produce light?</p> <ul style="list-style-type: none">a. the Sunb. firec. light bulbsd. all of the abovee. a and b only	<p>6. Sound waves are able to pass through all of the following except...</p> <ul style="list-style-type: none">a. the space in the ocean.b. the space in the ground.c. the space in the sky.d. the space between Earth and the Moon.	<p>7. How long does it take Earth to revolve once around the Sun?</p> <ul style="list-style-type: none">a. 365 hoursb. 1 dayc. 1 yeard. 365 years	<p>8. True / False In the pictures here, A is a wheel and axle.</p> <div data-bbox="1444 906 1915 1203"><p>A</p><p>B</p></div>

Wednesday	<p>9. How do scientists on Earth communicate with a space probe?</p> <ol style="list-style-type: none"> by radio signals through robots by telephone signals Scientists cannot communicate with a space probe. 	<p>10. Seasons occur because Earth is...</p> <ol style="list-style-type: none"> very close to the sun. tilted on its axis. covered with bodies of water. rotating on its axis. 	<p>11. A flute can make sounds with different pitches. What happens when the sound changes from a low pitch to a high pitch?</p> <ol style="list-style-type: none"> The air vibrates faster. The air vibrates slower. The volume of the sound is higher. The volume of the sound is softer. 	<p>12. The table lists the diameters of some planets. Which planet of the four is the SMALLEST?</p> <table border="1" data-bbox="1388 237 1959 436"> <thead> <tr> <th>Planet</th> <th>Diameter (km)</th> </tr> </thead> <tbody> <tr> <td>Earth</td> <td>12,756</td> </tr> <tr> <td>Mars</td> <td>6,787</td> </tr> <tr> <td>Saturn</td> <td>120,660</td> </tr> <tr> <td>Neptune</td> <td>49,560</td> </tr> </tbody> </table> <ol style="list-style-type: none"> Earth Mars Saturn Neptune 	Planet	Diameter (km)	Earth	12,756	Mars	6,787	Saturn	120,660	Neptune	49,560
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Thursday	<p>13. How does our Sun compare with the size of other stars in the night sky?</p> <ol style="list-style-type: none"> Our sun is an averaged-sized star. Our sun is the largest star in the galaxy. Our sun is smaller than most stars. Our sun is larger than most stars. 	<p>14. A pulley is a simple machine that makes work easier by...</p> <ol style="list-style-type: none"> lifting things. turning things. holding things together. pushing material outward. 	<p>15. When a balanced force acts on an object, the object will usually...</p> <ol style="list-style-type: none"> do nothing. start moving. change directions. move faster. 	<p>16. Why does the pattern of stars in a constellation stay the same?</p> <ol style="list-style-type: none"> Stars in constellations do not move. The stars are too far away to see their movement. Earth does not move in relation to constellations. Constellations only move on certain nights. 										