


Name _____

Science - Big 16 Review - Week 10

Monday	<p>1. When a problem has not yet been tested, you can give a possible explanation by...</p> <ul style="list-style-type: none">a. hypothesizingb. analyzingc. observingd. concluding	<p>2. When a ball is thrown into the air, it falls back to the ground. What causes this to happen?</p> <ul style="list-style-type: none">a. the round shape of the ballb. the way the ball is thrownc. the force of the air against the balld. the force of gravity on the ball	<p>3. Which of these tools would astronomers use to study objects in space?</p> <ul style="list-style-type: none">a. Magnifying glassb. Telescopec. Microscoped. Binoculars	<p>4. Some scientists say that Pluto is not really a planet. Which statement helps support this claim?</p> <ul style="list-style-type: none">a. Pluto was discovered in 1930.b. Since its discovery, Pluto has traveled only about one-fourth of its orbit around the Sun.c. Pluto is six times smaller than Earth and smaller than seven of the solar system's moons.d. Pluto is the only planet that has not been examined by a space probe.
Tuesday	<p>5. What is the source of the Moon's light?</p> <ul style="list-style-type: none">a. Earthb. The Sunc. The Moond. The stars in the night sky	<p>6. After getting all the supplies you need for your science lab experiment, you notice that one does not work properly. What should you do?</p> <ul style="list-style-type: none">a. Tell your best friend.b. Tell your teacher.c. Tell the custodian.d. Tell a random person walking by.	<p>7. Which of the following simple machines would be the BEST choice to use for splitting a log?</p> <ul style="list-style-type: none">a. leverb. wedgec. pulleyd. inclined plane	<p>8. Dillon bounces a basketball on a floor made of wood. Why does he hear a sound each time the ball hits the floor?</p> <ul style="list-style-type: none">a. The ball makes the wood flat.b. The ball hitting the wood makes the air move.c. The wood makes the ball flat.d. The air hitting the ball makes the wood move.

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<p>Wednesday</p>	<p>9. A device which changes either the direction or the strength of the force applied is called a...</p> <ul style="list-style-type: none">a. simple machine.b. motion.c. energy.d. science instrument.	<p>10. Kylie pushes each of the following boxes using the same amount of force. Which will MOST likely move the fastest?</p> <ul style="list-style-type: none">a. the empty boxb. the box with a small non-fiction book insidec. a box with a large dictionary insided. a box with 5 large dictionaries inside	<p>11. The nearest star to Earth is called...</p> <ul style="list-style-type: none">a. the sun.b. the moon.c. Mercury.d. the morning star.	<p>12. What happens to the path of light as it strikes the snowman?</p>  <ul style="list-style-type: none">a. It is not changed.b. It travels in wavy lines after it strikes the snowman.c. It goes through the snowman.d. It is blocked by the snowman.
<p>Thursday</p>	<p>13. Of the following planets, which is the farthest from the sun?</p> <ul style="list-style-type: none">a. Venusb. Mercuryc. Marsd. Earth	<p>14. Which is MOST responsible for changing the volume of sound?</p> <ul style="list-style-type: none">a. precipitation in the airb. speed of sound through the airc. force of vibrating air particlesd. wind speed in the air	<p>15. The distance from the top of a sound wave to its midpoint is known as the sound's _____.</p> <ul style="list-style-type: none">a. amplitudeb. frequencyc. pitchd. wavelength	<p>16. The four planets farthest from the sun are called...</p> <ul style="list-style-type: none">a. the outer planets.b. the inner planets.c. the asteroid belt.d. the dwarf planets.