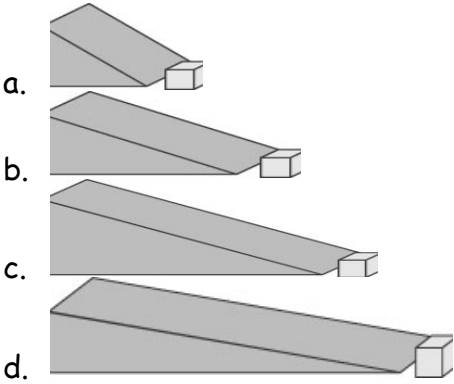


Name: _____

Science Big 16 - Week 7

<p>1. Cleaning up the Science Lab is a job for...</p> <p>a. only the new students.</p> <p>b. only the old students.</p> <p>c. only the teacher.</p> <p>d. all the students and the teacher.</p>	<p>2. You want a board to stay attached to a tree as a step for your tree house. Which simple machine would be the most useful?</p> <p>a. Screw</p> <p>b. inclined plane</p> <p>c. lever</p> <p>d. pulley</p>	<p>3. When clear, thick glasses become cloudy, it changes from _____ to _____.</p> <p>a. transparent to translucent</p> <p>b. translucent to opaque</p> <p>c. opaque to transparent</p> <p>d. white to black</p>	<p>4. Brad did an experiment with small plants in small pots. He put the plants under a bright light. After 5 days, the plants began to wither. Based on this observation, which of the following is MOST LIKELY true about the plants?</p> <p>a. These plants prefer indirect light.</p> <p>b. These plants prefer dry soil.</p> <p>c. These plants prefer wet soil.</p> <p>d. These plants prefer no soil.</p>
<p>5. Sound travels through pool water as...</p> <p>a. sound waves.</p> <p>b. longitudinal waves.</p> <p>c. imitation waves.</p> <p>d. up and down waves.</p>	<p>6. Wearing gloves in a Science lab is good for...</p> <p>a. protecting your skin.</p> <p>b. keeping your clothes clean.</p> <p>c. when you are wearing your best shoes.</p> <p>d. only the Science teacher.</p>	<p>7. True / False</p> <p>Even though your hypothesis can sometimes be wrong, a scientist working at Atlanta's Center for Disease Control is never wrong.</p>	<p>8. It is easiest to push a box up which ramp?</p>  <p>The diagram shows four ramps labeled a, b, c, and d. Ramp a is the shortest and steepest. Ramp b is longer and less steep than a. Ramp c is even longer and less steep than b. Ramp d is the longest and least steep. A small gray box is shown at the top of each ramp.</p>

<p>9. Some objects allow all light to pass through them. Other objects block light from passing through them. Which objects allow only some light to pass and scatters the light in many different directions?</p> <p>a. black b. opaque c. translucent d. transparent</p>	<p>10. Which force does a friend use to make you go higher on a playground swing?</p> <p>a. pull b. push c. balanced force d. friction</p>	<p>11. The back and forth movement of air particles as they move away from Mrs. Burke's high heels as she walks down the hallway is known as _____.</p> <p>a. pitch b. frequency c. transverse waves d. sound vibrations</p>	<p>12. If you are on a seesaw and you are down when your friend is up, if you want your friend to go down, use a force that is a...</p> <p>a. balanced force. b. gravitational force. c. push. d. pull.</p>
<p>13. Which of the following is considered appropriate safety equipment for a science lab?</p> <p>a. a blanket b. a door c. a fire extinguisher d. a pair of sandals</p>	<p>14. When you walk on the sidewalk and roll your bike, the force you use is a _____.</p> <p>a. pull. b. balanced force. c. push. d. gravitational force.</p>	<p>15. To make the sound of your voice, your _____ vibrate.</p> <p>a. eardrums b. eyes c. teeth d. vocal cords</p>	<p>16. _____ is referred to as white light by scientists.</p> <p>a. Rainbows b. Moon light c. Sunlight d. Any color</p>