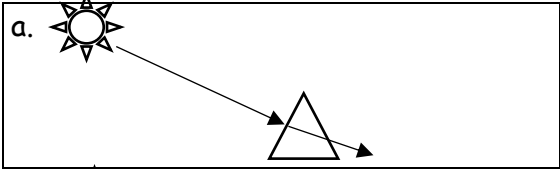
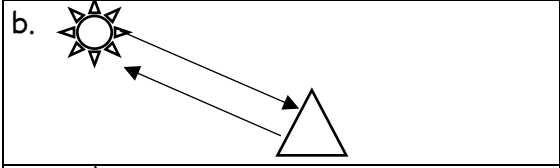
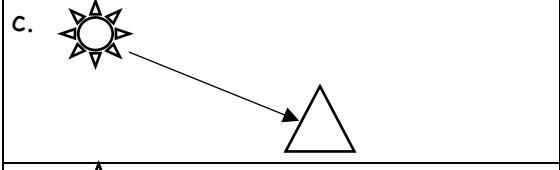
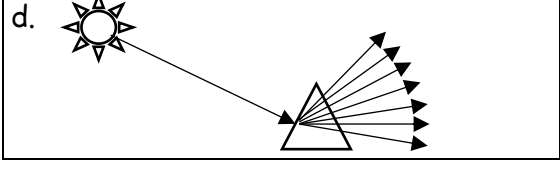


Name: \_\_\_\_\_

Science - Big 16 Review - Week 5

<p><b>M o n d a y</b></p>	<p>1. For a satellite to stay in orbit around Earth, it has to be moving forward very fast all the time. What force will make it fall to Earth if it goes too slowly?</p> <p>a. the Sun's gravity b. Earth's gravity c. The magnetic force from Earth's north pole d. The force of friction</p>	<p>2. Do not eat, _____, or chew gum in the lab.</p> <p>a. read b. be safe c. drink d. listen</p>	<p>3. An object that is pulled with the least amount of force will...</p> <p>a. not move at all. b. move the fastest. c. move the slowest. d. move the furthest.</p>	<p>4. Which illustration demonstrates what happens to light when it hits a prism?</p> <p>a. </p> <p>b. </p> <p>c. </p> <p>d. </p>
<p><b>T u e s d a y</b></p>	<p>5. The speed of sound depends on the medium through which the vibrations pass through. Through which will sound pass the slowest?</p> <p>a. through the air in the classroom b. through a tub of water c. through a book on the desk d. through the classroom wall</p>	<p>6. Which simple machine would you use to raise the flag at the school's flag pole?</p> <p>a. lever b. screw c. pulley d. inclined plane</p>	<p>7. What is the coolest and most exciting part of the scientific method?</p> <p>a. sharing results with other other scientists b. collecting data c. stem engineering d. testing your hypothesis</p>	<p>8. Susan and Kristin wanted to find the effect of sunlight on seed growth. They planted six pumpkin seeds in pots and placed them in the courtyard outside the classroom. Then, they planted six squash seeds in pots and placed them in their classroom closet. To make their investigation BETTER they should have...</p> <p>a. planted only one kind of seed. b. given the pumpkin seeds more water than the squash seeds. c. used different kinds of soil in all the pots. d. used different kinds of pots.</p>

Wednesday

At the archery tournament, Dale shot his arrow in the distance contest four times. The table below shows the distance the arrow traveled each time.

Arrow Shots	Distance in Feet
1	55
2	31
3	62
4	43

If the distance that the arrow traveled was greater when Dale shot the arrow with more force, which arrow did Dale shoot with the most force?

- a. 2
- b. 1
- c. 4
- d. 3

Thursday

13. Quiet sounds are able to travel through...

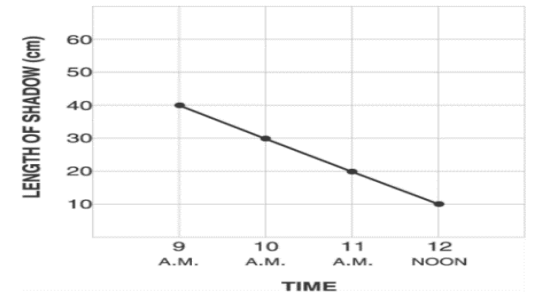
- a. solids.
- b. liquids.
- c. gases.
- d. all of the above.

9. When light strikes a dark object, like Lucy's black coat, most of the light is \_\_\_\_\_.

- a. absorbed
- b. brightened
- c. diffused
- d. reflected

10. Different pitches of sound are determined by the \_\_\_\_\_ of sound waves.

- a. frequency
- b. wavelength
- c. intensity
- d. amplitude



12. Students made the data chart after they measured lengths of a stick's shadow four different times during the day. How long was the stick's shadow at 10:00 AM?

- a. 50 cm
- b. 30 cm
- c. 20 cm
- d. 10 cm

14. Starting a game of tag in the lab is...

- a. always against the rules.
- b. the best idea when you are bored.
- c. okay if you are working with ONLY one other person.
- d. not dangerous.

15. If you are able to do any work, you are using \_\_\_\_\_.

- a. energy
- b. electricity
- c. light
- d. strength

16. Which are the BEST shoes to wear in a lab?

- a. open-toed sandals
- b. high-heeled sandals
- c. sneakers
- d. slippers