

EXPLORATORIUM TAKE HOME QUIZ

Name _____

Physics

Date _____ Per. _____

Please answer the following questions in the spaces provided. When finished, staple your fieldtrip worksheet to the back of this and turn it in next class period. (Hint: using www.exploratorium.edu is not cheating, it's good research.)

_____ 1. Name three of the five exhibits that were not at the museum but _____ were on the handout you were given.

2. In the 'Touch the Spring' exhibit, the spring imaged was <ltreal>, <virtual>. It was <larger>, <smaller>, <same size> than the original spring. And the image was <ltinverted> or <erecl>. (Circle one of each group.)

_____ 3. Which of the "Pipes of Pan" give the lowest tone.

4. How many arms or legs are visible while participating on the "Anti-gravity Mirror"?

5. With the "Motor Effect" exhibit, what is the name of the rule which makes the wire go up?

6. The following say diagram was on the side of this exhibit.



7. " Conversation Piece" is now called "Focused Conversation". By any name, this and the "Water Sphere Lens" are related because each does something to sound and light, respectively.

8. What kind of lens is the "Giant Lens" (Concave or Convex).

. 9. Other than the ones from your list, what was the name of your favorite exhibit.