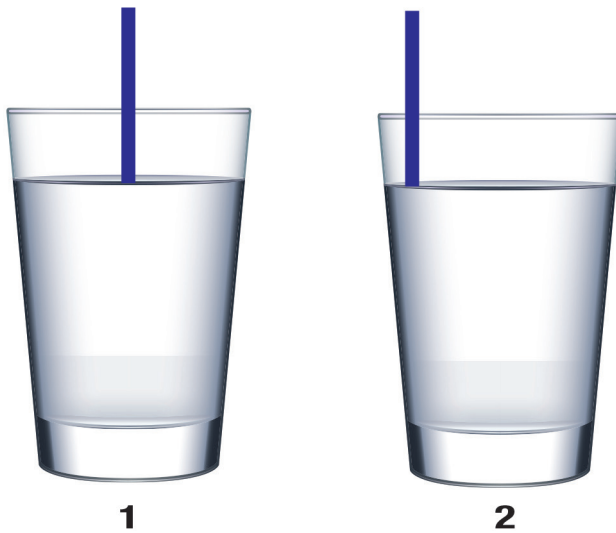


How Does Light Travel? Lab Worksheet

Refraction

Using a clear drinking glass, fill it 2/3 with water. First place a straw in the middle of the glass.

Looking beside the glass from the front, draw what you see in the water below. Repeat for number 2, placing the straw closer to the edge of the glass.

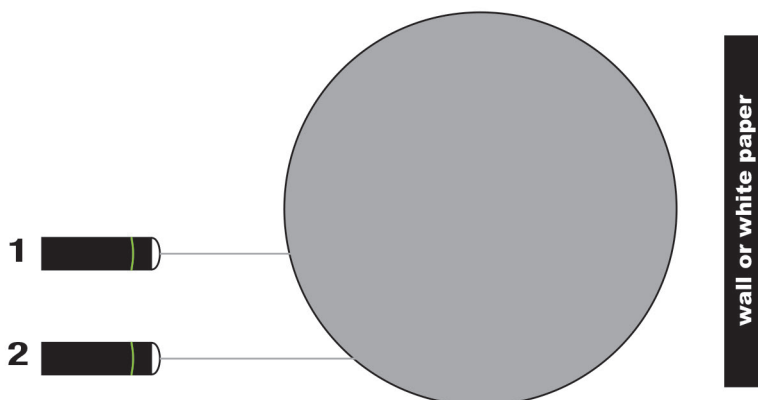


Describe what you see in each glass.

1. Glass #1:
2. Glass #2:
3. What do both paths have in common?
4. Which path shows the greatest difference from the actual straw? **Explain.**

Shine a laser light through the liquid and look through the top of the glass. First shine the light through the middle and then through closer to the side.

Draw the path of the laser light for each below.



Describe what you see in each glass above.

1. Laser #1:
2. Laser #2:
3. What do both paths have in common?
4. Which shows the greatest difference from the entry light? **Explain.**