

Interactions of Waves Questions

Directions: After reading Interactions of Waves answer the following questions, remember to put part of the questions back into the answer.

Questions:

1. What is reflection?
2. Draw the image to the right:
3. Label the following:
 - a. Incoming Wave
 - b. Reflected Wave
 - c. Angle of Incidence
 - d. Angle of Reflection
4. Give an example of something in your life that is, you have seen, reflected.
5. What is refraction?
6. Draw the picture to the right in your spiral. Draw in where the line of refraction would be as the line air (one medium) and enters the water (a different medium).
7. What is an example of diffraction?
8. What is constructive interference?
9. What is destructive interference?
10. In the two images below, tell whether is showing constructive interference or destructive interference and how you know.

