

Name:

Date:

Period:

Refraction Reading Guide

Use the attached reading to answer the questions.

1. What is refraction?
2. Why does the lifeguard in Figure 28.13 not take a straight-line path toward the person in distress? What does this have to do with refraction?
3. What has to happen to the speed of light to make refraction occur?
4. Use the analogy of toy cart wheels on the sidewalk and grass to explain why refraction makes sense.
5. Explain why water in a pond appears shallower than its true depth.