## **PROBLEM SOLVING**





- **a.** The wave returns 0.2 second after it was sent. How far did the wave travel?
- b. How far away is the diving partner?
- 20. TAKS REASONING A gardener is reseeding a city park that has the shape of a right triangle with a base of 150 feet and a height of 200 feet. The third side of the park is 250 feet long.
  - **a.** One bag of grass seed covers 3750 square feet and costs \$27.50. How many bags are needed? What is the total cost?
  - **b.** Wire fencing costs \$23.19 for each 50 foot roll. How much does it cost to buy fencing to enclose the area?
  - **c.** Fence posts cost \$3.19 each and should be placed every 5 feet. How many posts are needed, and how much will they cost altogether? *Explain*.

= WORKED-OUT SOLUTIONS on p. WS1



