

TEXAS @HomeTutor for problem solving help at classzone.com

**EXAMPLE 5** on p. 885 for Exs. 45–46

- 45. WULTIPLE REPRESENTATIONS You are fertilizing a triangular garden.
  One side of the garden is 62 feet long and another side is 54 feet long. The angle opposite the 62 foot side is 58°.
  - a. Drawing a Diagram Draw a diagram to represent this situation.
  - **b.** Solving a Triangle Use the law of sines to solve the triangle you drew in part (a).
  - **c. Applying a Formula** One bag of fertilizer covers an area of 200 square feet. How many bags of fertilizer will you need to cover the entire garden?