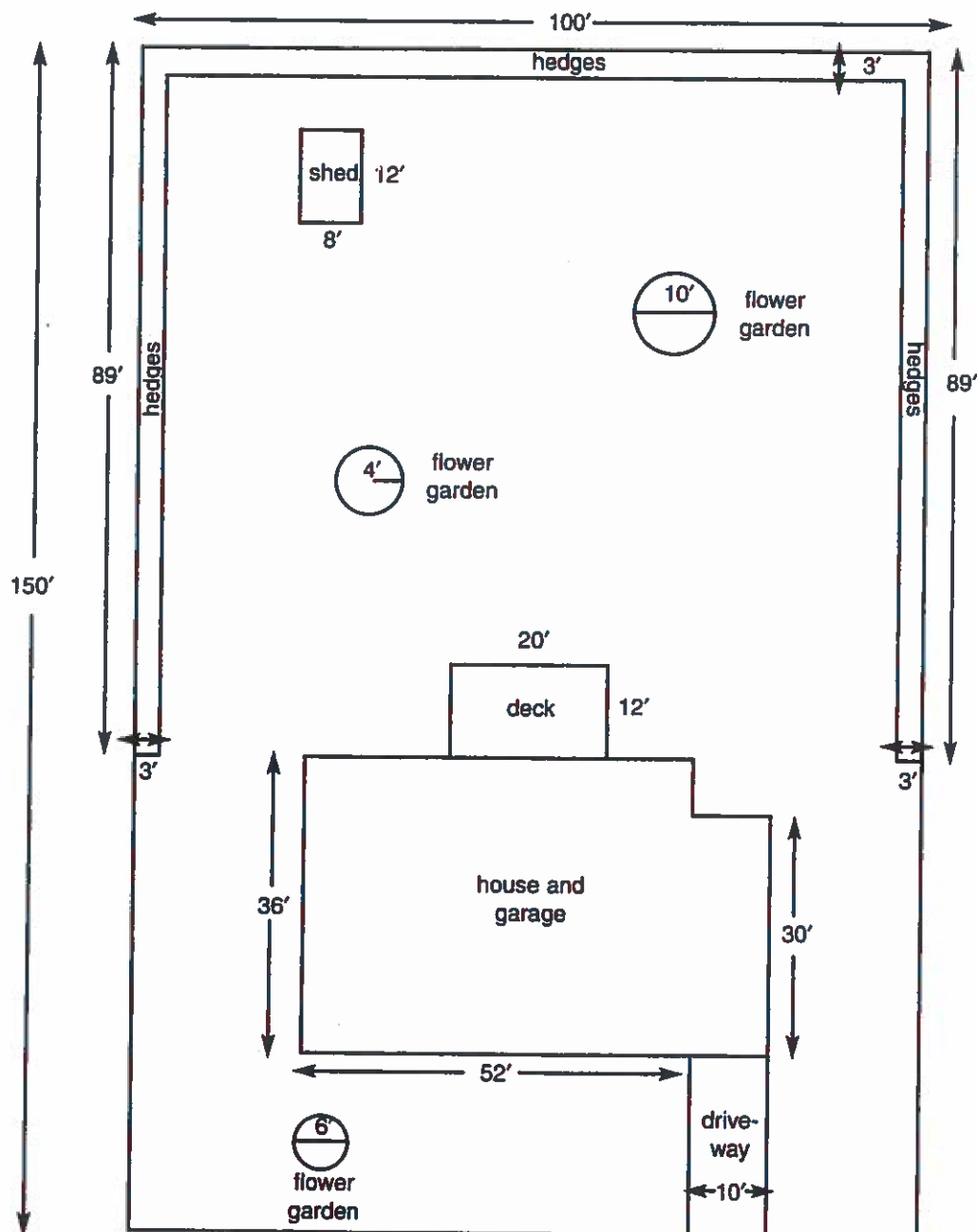


33-C

6-5 Finding Area—Fertilizing a Lawn

Imagine you are to buy fertilizer for a lawn. Determining the area of the yard that is to be fertilized will help you to buy the appropriate amount. Study the diagram below and then answer the questions that follow. You will have to find missing dimensions from the dimensions that are given.



ne _____ Date _____ Section _____

1. What is the total area of the yard? _____
2. What is total area of the yard that is covered by the house, deck, garage, driveway, hedges, shed, and flower gardens? Round your answer to the nearest square foot.

3. Assuming that the rest of the yard is covered with grass, find the area that must be fertilized. _____
4. Fertilizer can be purchased in bags that cover 5,000 square feet for \$19.99, and bags that cover 15,000 square feet for \$47.99. Which bag or bags would be the better buy? Explain your answer. (Assume that sales tax is not required.) _____

