

- 25 Which of the following shows 0.56 written in expanded notation?
- A.  $(5 \times 10) + (6 \times 100)$
  - B.  $(5 \times 100) + (6 \times 1000)$
  - C.  $(5 \times 0.1) + (6 \times 0.01)$
  - D.  $(5 \times 0.01) + (6 \times 0.001)$
- 26 Muriel has 20 flowers in her garden. Exactly 16 of the flowers are tulips. What percent of the flowers in Muriel's garden are tulips?
- A. 4%
  - B. 16%
  - C. 40%
  - D. 80%

Question 27 is an open-response question.

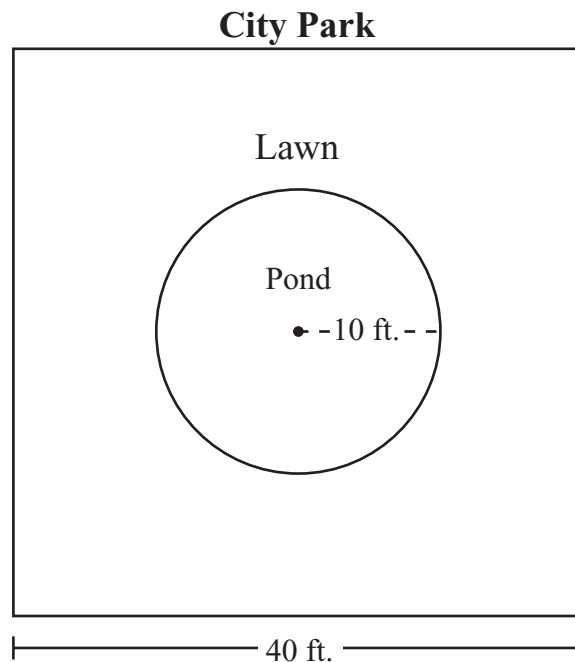
- **BE SURE TO ANSWER AND LABEL ALL PARTS OF THE QUESTION.**
- **Show all your work (diagrams, tables, or computations) in your Student Answer Booklet.**
- **If you do the work in your head, explain in writing how you did the work.**

Write your answer to question 27 in the space provided in your Student Answer Booklet.

**27** A city park is in the shape of a square, with each side measuring 40 feet.

- a. What is the area, in square feet, of the city park? Show or explain how you got your answer.

The city has decided to put a pond in the shape of a circle in the center of the park. The circle will have a radius of 10 feet, as shown in the diagram below. The remaining portion of the park will be a lawn.



- b. What is the approximate area, in square feet, of the circle? Show your work. (Use 3.14 for  $\pi$ .)
- c. A landscaper plans to fertilize the lawn of the park. What is the approximate area, in square feet, of the lawn of the park? Show or explain how you got your answer.
- d. One bag of GrowFast fertilizer can fertilize 50 square feet. How many bags of GrowFast will the landscaper need in order to fertilize the lawn of the park? Show or explain how you got your answer.

Questions 28 and 29 are short-answer questions. Write your answers to these questions in the boxes provided in your Student Answer Booklet. Do not write your answers in this test booklet. You may do your figuring in the test booklet.

- 28 Marcus has a bag of 20 table tennis balls. The probability of selecting a yellow table tennis ball, without looking, is  $\frac{3}{10}$ . What is the total number of yellow table tennis balls in the bag?