

Session 1

Directions

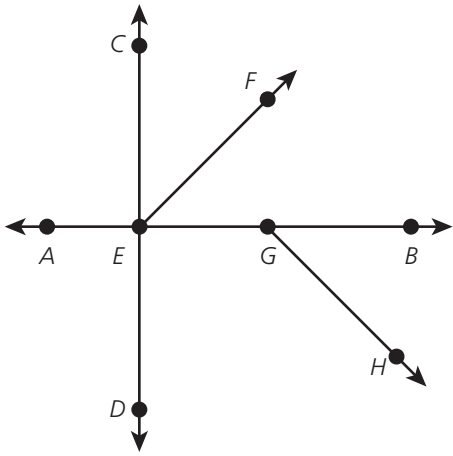
This session contains 30 multiple-choice questions. Fill in the circle for your answer to each question.

You may use a ruler and a protractor during this session. You may **not** use a calculator during this session.

Now turn the page and begin.

SAMPLE

4. Look at the figure below.



Which of the following is **not** correct?

- (A) Line AB is perpendicular to line CD .
- (B) Line AB is parallel to ray GH .
- (C) Ray EF meets line CD at point E .
- (D) Angle FEB is acute.

5. Which of the following statements is true?

- (A) The 5 in 258 is 10 times the value of the 5 in 539.
- (B) The 3 in 3,189 is 10 times the value of the 3 in 30,281.
- (C) The 8 in 812,375 is 10 times the value of the 8 in 981,342.
- (D) The 6 in 4,694,128 is 10 times the value of the 6 in 8,436,294.

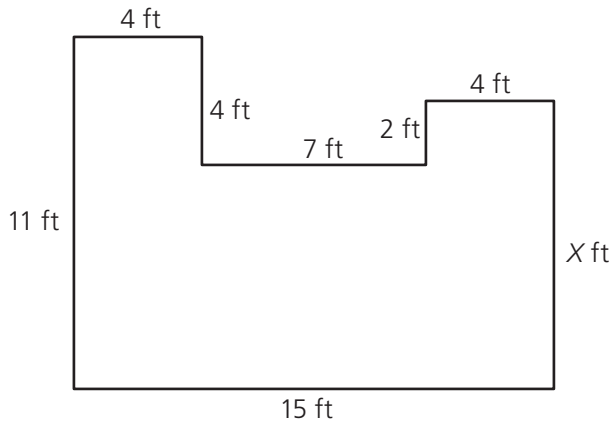
Session 2

This session contains five multiple-choice questions and nine constructed-response items. Fill in the circle for your answer to each multiple-choice question. Write your answer for each constructed-response item.

You may use a ruler and a protractor during this session.
You may **not** use a calculator during this session.

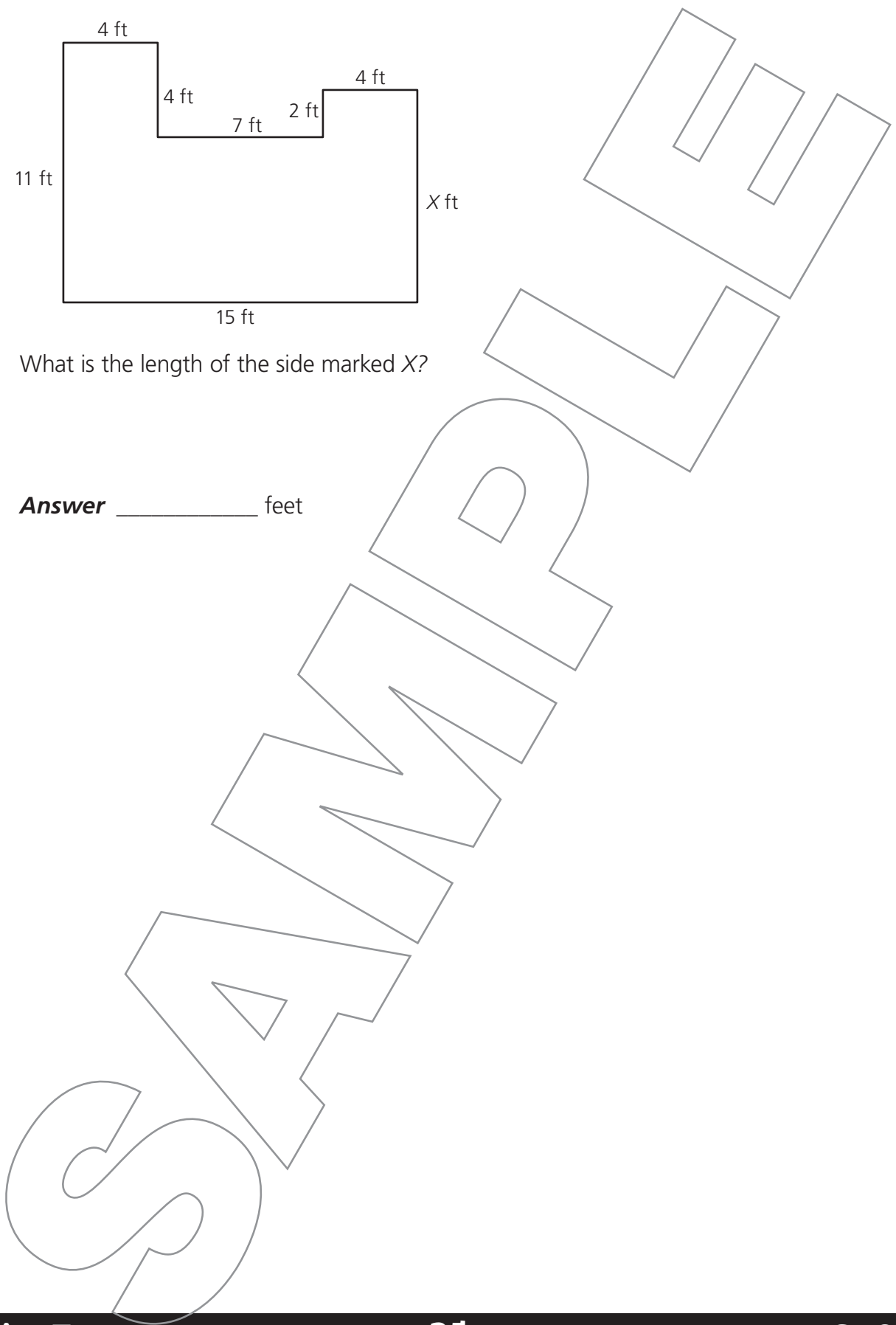
SAMPLE

37. The perimeter of the figure below is 56 feet.



What is the length of the side marked X?

Answer _____ feet



40. On Saturday, 33,874 adults and 46,931 children went to the New York State Fair. This was 14,576 more people than went to the fair on Friday. How many people were at the fair on Friday?

Answer _____ people

Explain how you can check your answer using estimation and rounding.

SAMPLE

44. Jared is having a birthday party at a local arcade. Each guest at his party gets 75 game tokens. Jared gets twice as many game tokens as the other guests.

If Jared has 6 guests at his party, how many game tokens do Jared and his guests receive in all?

Show your work.

Answer _____ game tokens

Jared uses 100 of his game tokens and earns 25 more. Then he plays a game that requires 4 tokens per game. How many times can Jared play this game if he does not earn any additional tokens?

Show your work.

Answer _____ times