



Area & Perimeter Story Problems page 1 of 2

You can make sketches to help solve the problems below. Remember to include the units of measurement in your answers. Show all of your work.

- 1 The classroom rug is 9 feet long and has an area of 72 square feet. What is the width of the rug?
 - a What is the perimeter of the rug?

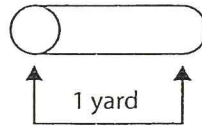
- 2 Chrissy is going to make a big painting on a piece of wood that is 4 feet wide and has an area of 28 square feet. How long is the piece of wood?
 - a What is the perimeter of the piece of wood?

- 3 The school playground measures 465 feet by 285 feet. What is the perimeter of the playground?

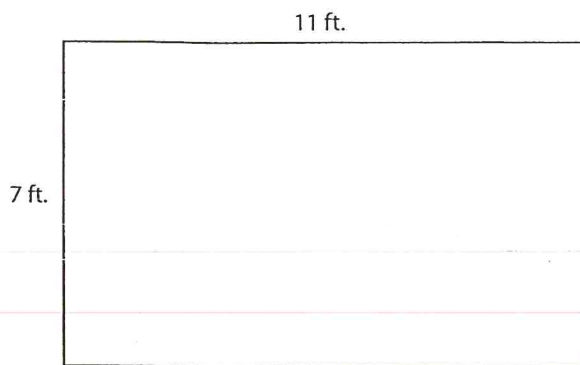
(continued on next page)

Area & Perimeter Story Problems page 2 of 2

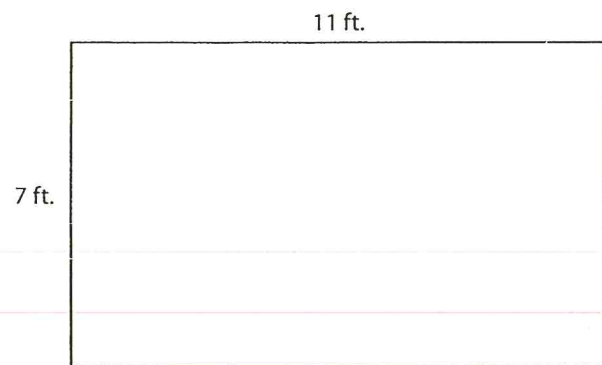
- 4** Shanice and Micah are using yellow craft paper to cover a bulletin board. The board is 11 feet wide and 7 feet tall. The craft paper comes in a roll that is 1 yard wide. They can roll it out and cut it to any length, but the paper will always be 1 yard wide. Draw and label on the bulletin board pictures below to show 2 different ways Shanice and Micah can cover the bulletin board.



a First way.



b Second way.



- 5 CHALLENGE** Which of the two ways above wastes less paper? Use pictures, numbers, and words to explain your answer.