

**Camping Trip** page 1 of 2

The Zamora family is going on a camping trip next week. There are four people in the family: Mr. and Mrs. Zamora and the 11-year-old twins, Ramon and Daria. Help them do some planning for their trip. Fill in the bubble beside the correct answer to each question below.

- 1** Mrs. Zamora wants to cut a piece of rope that's long enough to dry the family's laundry on every day. Which of these units should she use to measure the rope?
 inches feet yards miles

- 2** Mr. Zamora wants to figure out how far they'll have to drive to get to the campsite. He already knows it will take about a day to get there. Which of these units should he use?
 inches feet yards miles

- 3** Ramon wants to find the area of his sleeping bag to see how much room he'll have in the family's tent. Which of these units should he use?
 square inches square feet square yards square miles

- 4** Daria says that when they arrive she's going to measure the area of their campsite. Mrs. Zamora says the campsite is big enough for their car, their tent, their picnic table and chairs, and their campfire, with a little room left over. Which of these units should Daria use?
 square inches square feet square yards square miles

- 5** Mr. Zamora wants to find the volume of the car's trunk so he'll know how much luggage will fit. Which of these units should he use?
 cubic inches cubic feet cubic yards

- 6** Daria is going to collect pebbles at the lake. She wants to measure the volume of a metal lunch box to keep them in. Which of these units should she use?
 cubic inches cubic feet cubic yards

(continued on next page)

Camping Trip page 2 of 2**Review**

- 7** Jasmine is planning a large family gathering. She needs to rent at least 200 chairs. Company A charges \$0.50 per chair for the first 100 and then \$0.25 for every chair after that. Company B charges \$0.40 per chair.
- Which company should Jasmine rent from? Explain your answer.
 - How much money will she save by using that company? Show your work.
- 8** Frank bought several items in the produce department of his grocery store for a family gathering. He purchased 13.25 pounds of apples and twice that amount of oranges. What was the total weight of the fruit that Frank bought? Show your work.
- 9** **CHALLENGE** Frank also made punch to take to the family gathering. He filled a jar with $3\frac{3}{4}$ liters of punch and another jar with $5\frac{3}{4}$ liters of punch. On his way to the family gathering, some of the punch spilled out of the jars in his car. Only $1\frac{1}{2}$ liters were left in the first jar, and $3\frac{1}{4}$ liters were left in the second jar. How much of the punch was spilled?