

# Unit 5: Home Practice

## Part 1 Triangle Flash Cards: Square Numbers

Study for the quiz on the multiplication and division facts for the square numbers. Take home your *Triangle Flash Cards: Square Numbers* and your list of facts you need to study.

Ask a family member to choose one flash card at a time. To quiz you on a multiplication fact, he or she should cover the corner containing the highest number. (The highest number on each card is lightly shaded.) This number will be the answer to the multiplication fact. Multiply the two uncovered numbers.

To quiz you on a division fact, your family member can cover one of the unshaded numbers. Then use the two uncovered numbers to solve a division fact.

Ask your family member to mix up the multiplication and division facts. He or she should sometimes cover the highest number and sometimes cover one of the smaller numbers.

Your teacher will tell you when the quiz on the square numbers will be given.

## Part 2 Solving Problems

Solve the following problems. Choose an appropriate method for each: mental math, paper and pencil, or a calculator. Explain your solutions. Use a separate sheet of paper to show your work.

1. The Yum Yum Deli makes sandwich trays for parties.
  - A. Twenty-four sandwiches come on a large tray. If a company orders 27 trays for a party, how many sandwiches are they ordering?
  - B. There will be 527 people attending the company party. Can each person have more than one sandwich? Explain.
2. Each of the 527 guests eats one sandwich. Twenty-nine of the guests eat two sandwiches. How many sandwiches are left over?
3.
  - A. Of the guests attending,  $\frac{7}{12}$  are current employees.  $\frac{1}{6}$  are retired employees. The rest are family members. What fraction of the guests are family members?
  - B. Show or tell how you found your answer.