Unit 7: Home Practice

Part 1 Triangle Flash Cards: Last Six Facts

Study for the quiz on the multiplication and division facts for the last six facts. Take home your Triangle Flash Cards: Last Six Facts (4×6, 4×7, 4×8, 6×7, 6×8, 7×8) 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 slightly 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 last six facts will be.

Part 2 Review 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. Write the number 3×10^5 in standard form.

2. What is the value of the 5 in 345,687?

3. Estimate the answers to the following problems.
   A. $346,000 \times 5$ **B.** $251,000 \times 7$ **C.** $51,000 \times 5$

4. Jerome's mother is planning to retile the bathroom floor. The room measures 8 feet by 8 feet. She is planning to use square tiles that measure 6 inches by 6 inches.
   A. What is the area of the bathroom floor?

   B. How many tiles will she need? (Hint: Make a drawing.)