

**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  $3 \times 10^5$  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 retiling 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.)