

**Part 5** Problem Solving

Choose an appropriate method to solve each of the following problems. For some questions you may need to find an exact answer, but for others you may need only an estimate. For each question, you may choose to use paper and pencil, mental math, or a calculator. Be prepared to tell the class how you solved each problem.

1. Michael's mother baked 3 dozen cookies for Michael's birthday party. If seven friends are coming to the party, how many cookies can each child have if they share the cookies equally? (*Hint: Don't forget to give Michael some cookies.*)
2. The gym teacher bought 50 balls for the high school. He bought 35 tennis balls which cost 60¢ each. The rest of the balls were golf balls which cost \$1.25 each. How much money did he spend altogether?
3. Mr. Moreno went to Springfield for a four-day weekend. He stayed at a hotel for three nights. The bill was \$267. What was the rate for each night?
4. Irma is shopping with her cousin Maria, who recently got married. As a wedding gift, Maria received a \$100 gift certificate to a department store. She finds the following items that she wants to buy: a comforter for \$48, two pillows for \$23 each, a waffle maker for \$39, three picture frames for \$5.95 each, and a cookbook for \$12. Make a list of the items she can purchase with her gift certificate. Explain your thinking.