

**Part 4** Word Problems

Choose an appropriate strategy to solve each problem. Use the *Multidigit Multiplication Strategies Menu* and the *Division Strategies Menu* in the *Student Guide Reference* section. Use a separate sheet of paper to show your work for each problem.

- Mighty Tree Tree Farm is having a sale. Seedlings (very young trees) are grouped in bunches of 15 for \$25.00, tax included. Coleman School decided to buy 6 bunches to plant on the school grounds.
  - How many seedlings did Coleman School buy?
  - How much money did Coleman School spend?
- Mr. Moreno's class volunteered to plant the seedlings on the school grounds. There are 22 students present in Mr. Moreno's class on planting day. If each student plants about the same number of seedlings, how many seedlings will each student plant?
- Mighty Tree Tree Farm also sells older trees. They charge \$8.00 per foot in height for older trees, tax included. Jacob's family chooses to buy two trees that are the same height. The total cost is \$128. How tall are the two trees?
- Once a year, Mighty Tree Tree Farm has a Truckload Bargain Day. On this day, customers pay \$250 and get a truckload of trees. One truckload has 9 trees. Estimate the cost of one tree in this truckload.
- This year, Mighty Tree Tree Farm sold 32 truckloads at \$250 each. How much money did Mighty Tree Tree Farm take in on this day?
- Last year, Mighty Tree Tree Farm sold 450 trees on Truckload Bargain Day. If each truckload contains 9 trees, how many truckloads did they sell?