

**Part 10** **Gone Fishing**

Choose mental math, paper-and-pencil methods, or estimation to solve the following problems. Do your work on this page. If you find an exact answer, estimate to make sure your answer is reasonable. Use the *Multidigit Multiplication Strategies Menu* in the Reference section of the *Student Guide* to help you.

1. The state fish hatchery buys fish food in 40 pound bags. Each bag costs \$26. Last year, the fish hatchery bought a total of 73 bags for their fish ponds.
  - A. How much money did the state fish hatchery pay for fish food last year?
  
  
  
  
  
  
  
  
  
  
  - B. How many pounds of fish food did the state fish hatchery buy in all?
  
2. Mr. Dawson's pond has an area of about 38 acres. He stocked his pond with about 50 trout, 50 bluegill, and 50 catfish for every acre. About how many fish did Mr. Dawson put into his pond in all? Show or tell how you arrived at your answer.
  
  
  
  
  
  
  
  
  
  
3. Gorski's Fish Hatchery allows people to catch fish from one of their docks. They allow up to 18 people on the dock during each "Catch-A-Fish-To-Eat" session. Gorski's offers 45 of these fishing sessions per week. What is the largest number of people who could fish from Gorski's dock in one week?