

Name \_\_\_\_\_

Date \_\_\_\_\_

### Problem Solving

Solve the following problems using addition, subtraction, multiplication, and division. Some problems may require 2 or more steps.

1. At the bake sale you sold cookies for 5 cents each. You earned \$4.50. How many cookies did you sell? \_\_\_\_\_
2. The musicians had 4 violins left from the concert. 12 violins were taken home with other musicians. Mr. Thomas took 2 home with him. How many violins did the musicians have at the beginning of the concert? \_\_\_\_\_
3. There are 369 families that donated \$6.00 to the music school fundraiser. How much money was donated? \_\_\_\_\_
4. A piece of violin string is 40 cm long. It is cut into three pieces. The longest piece is 3 times as long as the middle-sized piece and the shortest piece is 23 centimeters shorter than the longest piece. Find the lengths of the three pieces. \_\_\_\_\_
5. The teacher baked a batch of muffins. There are 16 in a batch. She ate  $\frac{1}{4}$  of the batch. She baked two more batches. How many muffins does she have now? \_\_\_\_\_