

CHAPTER
3**Addition up to 10,000****PROBLEM SOLVING****Thinking Skills****Find the sum.**

1. **2,543 5,432 4,325 3,254 4,235**

The sum of the least and third greatest number is _____.

Solve. Show your work.

2. Randy put 2,039 ounces of rice into a huge rice container. He then added another 1,476 ounces to fill the container. The next day, Randy filled another similar container with rice. What is the total weight of rice in both containers?


PROBLEM SOLVING
Strategies
Solve. Show your work.

3. Kate has 128 marbles.
 She has half as many marbles as Lyra.
 Gabi has three times as many marbles as Lyra.
 How many marbles does Gabi have?

Find the missing digits.

4. Find A, B, C, and D.

Clue: All the digits are greater than 0.
 B is greater than A.

$$\begin{array}{r}
 A, A C D \\
 + B, B A C \\
 \hline
 3, 3 4 7
 \end{array}$$

A = _____ B = _____ C = _____ D = _____

Name: _____

Date: _____

5. Insert addition signs between the digits 987654321 to get a sum of 1,098.

Clue: The order of the digits does not change.

Solve. Show your work.

6. Peter had some money.
He wanted to use the money to buy a TV and a sofa.
The TV costs \$257 more than the sofa.
After paying for the TV and \$1,670 for the sofa, he had \$1,205 left.
How much money did he have at first?

**PROBLEM SOLVING****Exploration****Solve.**

7. There are two 4-digit numbers.
One number is 1 more than the other number.
The sum of the thousands digits is 2.
The hundreds digit of each number is twice the thousands digit.
The tens digit of each number is twice the hundreds digit.
The tens digit of the greater number is the same as the ones digit.
Find the two numbers.

8. Find all possible values of X, Y, A, and B.

$$\begin{array}{r} 2, X 5 A \\ + 3, Y 8 B \\ \hline 6, 3 4 3 \end{array}$$

Name: _____

Date: _____



Journal Writing

Find the pattern. Then find the sum.

9. 720 280 620 380 520 480 420 580

Pattern:

$$720 + 280 + 620 + 380 + 520 + 480 + 420 + 580 = \underline{\hspace{2cm}}$$

Find the missing digits.

10. List the steps you use to find the possible values of X and Y.
Then find all possible values of X and Y.

$$\begin{array}{r} 3, X \ 6 \ 2 \\ + \ 4, Y \ 2 \ 3 \\ \hline 7, 2 \ 8 \ 5 \end{array}$$

Step 1

Step 2

Step 3

Name: _____

Date: _____

11. List the steps you use to find the possible values of A and B.
Then find all possible values of A and B.

$$\begin{array}{r} 3, A 6 2 \\ + 4, B 2 3 \\ \hline 8, 2 8 5 \end{array}$$

Step 1 _____

Step 2 _____

Step 3 _____
