

CHAPTER
4**Subtraction up to 10,000****PROBLEM SOLVING****Thinking Skills****Find the difference.**

1. $9,008 - 6,175 = \underline{\hspace{2cm}}$

2. **6,792 5,691 4,590 2,945 4,327**

The difference between the second least number and the second greatest number is _____.

Solve. Show your work.

3. Emily had 1,968 balloons to give away at a carnival. She gave away 489 balloons on the first day, and 847 balloons on the second day. 97 balloons flew away. How many balloons does Emily have left?

Name: _____

Date: _____

4. Winton forgot his 2-digit password.
Use the clues to find his password.

9,403 2,349 4,369

Clue 1: Using the three numbers, find all possible differences.

Clue 2: Order the differences from least to greatest.

Clue 3: The first digit of the password is the third digit from the left of the least difference.

Clue 4: The second digit of the password is the third digit from the left of the greatest difference.

Winton's 2-digit password is _____.


PROBLEM SOLVING
Strategies
Solve.

5. The sum of two numbers is 4,006.
One of the numbers is 2,628.
Find the difference between the two numbers.

Find the missing digits.

6.

$$\begin{array}{r}
 \square, \square 0 \square \\
 - 1, 0 \square 9 \\
 \hline
 3, 0 7 8
 \end{array}$$

Name: _____

Date: _____

Solve.

7. Insert subtraction signs between the digits 987654321 to get a difference of 4,443.

Clue: The order of the digits does not change.

Look at the pattern. Find the missing number.

8. 3,466 3,456 3,436 3,396 3,316 _____

Find the pattern. Then find the missing number.

9.

2,039	805	1,234
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5,728		1,234
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Pattern:

Name: _____

Date: _____



PROBLEM SOLVING

Exploration

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

10. 7, X 6 A
 – 5, Y 2 B
 —————
 1, 4 4 4

Solve.

11. Make two 4-digit numbers using the given digits to write a subtraction sentence with the greatest difference. Use a digit only once in each number.

4 1 8 9 3

Name: _____

Date: _____



Journal Writing

Find the difference. Then list the steps you use.

12. 4, 3 8 0
 – 2, 9 0 5

Step 1

Step 2

Step 3

Name: _____

Date: _____

**Greg made some errors in these subtraction problems.
Explain the errors.**

13.

$$\begin{array}{r} 5,000 \\ - 3,928 \\ \hline 2,928 \end{array}$$

Explanation:

14.

$$\begin{array}{r} 7,036 \\ - 2,817 \\ \hline 5,229 \end{array}$$

Explanation:
