

CHAPTER
1

Numbers to 10,000



PROBLEM SOLVING

Thinking Skills

Match. Order from greatest to least.

- | | |
|------------|--|
| 1. 7,455 ● | ● five thousand, seven hundred forty-three |
| 4,542 ● | ● two thousand, six hundred forty |
| 1,093 ● | ● five thousand, four hundred eighty-three |
| 5,483 ● | ● seven thousand, four hundred fifty-five |
| 5,743 ● | ● one thousand, ninety-three |
| 2,640 ● | ● four thousand, five hundred forty-two |

greatest

least

Name: _____

Date: _____

Fill in the missing numbers. Then solve.

2. _____ is 100 more than 1,895. (P)

3. _____ less than 2,758 is 1,758. (D)

4. _____ is 10 more than 8,492. (A)

5. 5,151 is _____ more than 5,051. (A)

6. 1,992 is _____ less than 2,002. (N)

7. Which animal eats mostly bamboo?

1,995 100 10 1,000 8,502

Solve. Show your work.

8. I want to form a 4-digit number.
All four digits must add up to 14.
All four digits are different numbers.
There should not be any twos or zeros in the number.
What is the least possible number that I can form?

Name: _____

Date: _____

- 9.** Danny and Paul had some savings in a bank.
Danny saved \$1,675.
If Paul saved another \$200, he would have saved \$1,975.
How much more money did Paul save than Danny?

Name: _____

Date: _____



PROBLEM SOLVING

Strategies

Complete each number pattern.

10. 4,604 4,624 _____ 4,664

11. 7,195 7,395 _____ 7,795 _____

12. 2,806 2,816 2,836 2,846 2,866 _____

13. 5,847 8,475 4,758 7,584 _____

Solve.

14. Belinda wrote three 4-digit numbers.
Use the clues below to find the missing digits.

7,1□8 2,1□□ 2,49□

Clue 1: The sum of the ones digits is 19.

Clue 2: The ones digit of the second number is 1 less than the ones digit of the third number.

Clue 3: The tens digit of the second number is 2 less than the ones digit of the third number.

Clue 4: The tens digit of the second number is twice the tens digit of the first number.

Name: _____

Date: _____

15. Find the pattern. Then fill in the missing digit.

3,472	5,129	2,646	3,358	4, <input type="text"/> 29
16	17	18	19	20

**PROBLEM SOLVING****Exploration**

**Make 3-digit and 4-digit numbers using the digits given.
Use each digit only once in each exercise.**

5 8 3 4

- 16.** The greatest 4-digit number is _____.
- 17.** The greatest 3-digit number is _____.
- 18.** The least 4-digit number is _____.
- 19.** The least 3-digit number is _____.
- 20.** Kim has six 4-digit number cards.
The number cards can be arranged in patterns.
Find the missing numbers.
Then make a pattern using all the numbers.
Change one of the missing numbers and make another pattern.

7,958

?

8,968

?

5,938

?

Name: _____

Date: _____



Journal Writing

Solve.

- 21.** Kathy ordered a set of numbers from least to greatest. She made two errors in the pattern. Find the errors. Then change the numbers to correct the pattern and identify the rule.

4,736 4,846 4,846 5,067 5,176 5,286

Rule: _____

- 22.** Write four sentences using *greater than*, *less than*, and *more than* to describe these numbers.

5,892 6,992 8,092 9,192