

Name: \_\_\_\_\_

## Place Value: Digit Challenges

Use only the digits in the box to answer the questions.  
Each digit may be used only one time per answer.

Digits

1	2	3	4	5
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1. What is the largest 3-digit number you can make with the digits in the box? \_\_\_\_\_
2. What is the smallest 4-digit number you can make? \_\_\_\_\_



# Preview

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6. What is the largest 4-digit number you can make with a 2 in the hundreds place? \_\_\_\_\_
7. What is the smallest 2-digit number you can make with a 5 in the tens place? \_\_\_\_\_
8. Subtract the smallest 3-digit number you can make from the largest 4-digit number you can make.  
(Show your work below and write the answer on the line.) \_\_\_\_\_
9. Find the sum of the largest three-digit number and the largest two digit number you can make.  
(Show your work below and write the answer on the line.) \_\_\_\_\_

# ANSWER KEY

## Place Value: Digit Challenges

Use only the digits in the box to answer the questions.  
Each digit may be used only one time per answer.

Digits

**1 2 3 4 5**

1. What is the largest 3-digit number you can make with the digits in the box?

**543**

2.

3.

4.

5.

6.

7.

8.

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9. Find the sum of the largest three-digit number and the largest two digit number you can make.

(Show your work below and write the answer on the line.)

**597**

$$543 + 54 = 597$$