

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. You cannot repeat digits.

Digits

1 2 3 4 5

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? _____
3. What is the largest 2-digit odd number you can make? _____
4. What is the largest 3-digit number you can make? _____
5. What is the smallest 4-digit number you can make? _____
6. What is the largest 2-digit odd 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. _____



Name: _____

ANSWER KEY

Place Value: Digit Challenges

Use only the digits in the box to answer the questions.
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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. What is the smallest 4-digit number you can make? **1,234**

3. What is the largest 2-digit odd number you can make? **53**

4. What is the smallest 2-digit number you can make with a 1 in the tens place?

5. What is the largest 2-digit number you can make with a 5 in the tens place?

6. What is the largest 3-digit number you can make with a 2 in the hundreds place? **5,243**

7. What is the smallest 2-digit number you can make with a 5 in the tens place? **51**

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. **5,309**

$$\underline{5,432} - 123 = 5,309$$

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**

$$\underline{543} + 54 = 597$$



PREVIEW

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