Comparing and Ordering Numbers Worksheet

FREE Worksheet - 2

Time: 20 minutes

(Detailed solutions at the end)

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1. Freddy has two numbers:

   1891 and 6321

   Find the smaller of the two numbers.

   a. 1891
   b. 6321

2. Choose the correct answer to fill the blank.

   2344 is _____ 2344

   a. GREATER THAN
   b. SMALLER THAN
   c. EQUAL TO

3. Which of the following two numbers is smaller than 2905?

   1538 or 8754

   Answer:_____

4. You have 6727 and 2991. Which is greater?

    a. 1891
    b. 6321

5. What is the greatest 4-digit odd number you can make using all these digits: 4, 9, 3 and 6?

    Answer:_____

6. Arrange the numbers in order, beginning with the greatest.

    6074, 3772, 7333, 4640

    Answer:_____

7. What is the smallest 4-digit odd number you can make using all these digits: 2, 1, 8 and 5?

    8824 is _____ 9082

    Answer:_____

8. Arrange the numbers in order, beginning with the smallest.

   5057, 3282, 8319, 9017

   Answer:_____

9. You have 8005 and 6716. Which of these numbers is less than 6859?

   Answer:_____

10. Choose the correct answer to fill the blank.

    8940 is _____ 5654

    a. GREATER THAN
    b. SMALLER THAN
    c. EQUAL TO

SOLUTIONS

Problem 1

	Thousands	Hundreds	Tens	Ones
1891	1	8	9	1
6321	6	3	2	1

Compare the thousands. 1 thousands is smaller than 6 thousands.

So, 1891 is ***smaller than*** 6321.

Problem 2

	Thousands	Hundreds	Tens	Ones
2344	2	3	4	4
2344	2	3	4	4

First, compare the thousands. They are the same.

Next, compare the hundreds. They are the same.

Then, compare the tens. They are the same.

Finally, compare the ones. They are the same.

The two numbers are equal. Hence, 2344 ***is equal*** to 2344.

Problem 3

	Thousands	Hundreds	Tens	Ones
1538	1	5	3	8
2905	2	9	0	5
8754	8	7	5	4

Arrange the numbers from the smallest to the greatest:

1538 2905 8754

1538 is ***smaller than*** 2905.

Problem 4

	Thousands	Hundreds	Tens	Ones
6727	6	7	2	7
2991	2	9	9	1

Compare the thousands. 6 thousands is greater than 2 thousands.

So, 6727 is greater than 2991.

Problem 5

First, pick out the smallest odd digit from the given digits.

3

Next, arrange the remaining digits from greatest to smallest.

9 6 4

Finally, attach the smallest odd digit that we picked out to the end of this list.

9 6 4 3

The greatest 4-digit odd number is ***9643***.

Problem 6

First, compare the thousands and arrange the numbers from the greatest thousands to the smallest thousands.

Next, if needed, compare the hundreds, tens and ones to re-arrange the numbers.

	Thousands	Hundreds	Tens	Ones
7333	7	3	3	3
6074	6	0	7	4
4640	4	6	4	0
3772	3	7	7	2

From the greatest to the smallest, the numbers are:

7333 6074 4640 3772

Problem 7

First, pick out the greatest odd digit from the given digits.

5

Next, arrange the remaining digits from smallest to greatest.

1 2 8

Finally, attach the greatest odd digit that we picked out to the end of this list.

1 2 8 5

The smallest 4-digit odd number is ***1285***.

Problem 8

First, compare the thousands and arrange the numbers from the smallest thousands to the greatest thousands.

Next, if needed, compare the hundreds, tens and ones to re-arrange the numbers.

	Thousands	Hundreds	Tens	Ones
3282	3	2	8	2
5057	5	0	5	7
8319	8	3	1	9
9017	9	0	1	7

From the smallest to the greatest, the amounts are:

3282 5057 8319 9017

Problem 9

	Thousands	Hundreds	Tens	Ones
8005	8	0	0	5
6859	6	8	5	9
6716	6	7	1	6

Arrange the numbers from the smallest to the greatest:

6716 6859 8005

6716 is ***less than*** 6859.

Problem 10

	Thousands	Hundreds	Tens	Ones
8940	8	9	4	0
5654	5	6	5	4

Compare the thousands. 8 thousands is greater than 5 thousands.

So, 8940 is ***greater than*** 5654.