Comparing and Ordering Numbers Worksheet

FREE Worksheet - 3
Time: 20 minutes
(Detailed solutions at the end)

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1. Mr. Yam pays $7080. Mr. Simmons pays $9644. Mr. Rogers pays $8631.

   Arrange these amounts in order, beginning with the greatest.

   a. 8631   7080   9644
   b. 8631   9644   7080
   c. 9644   8631   7080

2. Fill in the blank with greater than, smaller than or equal to.

   9620 is _____ 9620

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

3. A megamart had 3532 cans of soup, 7190 cans of soda and 7798 cans of milk .
   Complete the following sentence.

   The megamart had fewer _____ than cans of soda.

   a. CANS OF SOUP
   b. CANS OF MILK

4. Marcelo has a collection of 8581 marbles. Brendan has a collection of 3202 marbles. Who has a bigger collection of marbles?

   a. MARCELO
   b. BRENDAN

5. Fill in the blank with greater than, smaller than or equal to.

   6810 is _____ 6810

   Answer:_____

6. Shane has a collection of 7487 paper clips. Bruno has a collection of 5534 paper clips. Who has a smaller collection of paper clips?

   a. SHANE
   b. BRUNO

7. Last month, a fruiterer sold 5938 mangoes, 3129 oranges and 3044 apples . Complete the following sentence.

   He sold more _____ than oranges.

   a. MANGOES
   b. APPLES

8. What is the greatest 4-digit number you can make using all these digits: 3, 7, 6 and 4?

    Answer:_____

9. What is the greatest 4-digit number you can make using all these digits: 9, 1, 7 and 8?

    Answer:_____

10. Mr. Davis pays $4479. Mr. Cooper pays $3553. Mr. Sen pays $7892.

    Arrange these amounts in order, beginning with the greatest.

    a. 3553   4479   7892
    b. 7892   4479   3553
    c. 4479   7892   3553

SOLUTIONS

Problem 1

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
9644	9	6	4	4
8631	8	6	3	1
7080	7	0	8	0

From the greatest to the smallest, the amounts are:

9644   8631   7080

Problem 2

	Thousands	Hundreds	Tens	Ones
9620	9	6	2	0
9620	9	6	2	0

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, 9620 *is equal* to 9620.

Problem 3

	Thousands	Hundreds	Tens	Ones
3532	3	5	3	2
7190	7	1	9	0
7798	7	7	9	8

Arrange the numbers from the smallest to the greatest:

3532   7190   7798
soup   soda   milk

The megamart had fewer *cans of soup* than cans of soda.

Problem 4

	Thousands	Hundreds	Tens	Ones
8581	8	5	8	1
3202	3	2	0	2

Compare the thousands. 8 thousands is greater than 3 thousands.

So, 8581 is greater than 3202.

Hence, Marcelo has a bigger collection of marbles.

Problem 5

	Thousands	Hundreds	Tens	Ones
6810	6	8	1	0
6810	6	8	1	0

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, 6810 *is equal* to 6810.

Problem 6

	Thousands	Hundreds	Tens	Ones
7487	7	4	8	7
5534	5	5	3	4

Compare the thousands. 7 thousands is greater than 5 thousands.

So, 5534 is smaller than 7487.

Hence, **Bruno** has a smaller collection of paper clips.

Problem 7

	Thousands	Hundreds	Tens	Ones
5938	5	9	3	8
3129	3	1	2	9
3044	3	0	4	4

Arrange the numbers from the smallest to the greatest:

3044	3129	5938
apples	oranges	mangoes

He sold more **mangoes** than oranges.

Problem 8

Arrange the given digits from greatest to smallest to make the greatest 4-digit number.

7   6   4   3

The greatest 4-digit number is **7643**.

Problem 9

Arrange the given digits from greatest to smallest to make the greatest 4-digit number.

9   8   7   1

The greatest 4-digit number is **9871**.

Problem 10

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
7892	7	8	9	2
4479	4	4	7	9
3553	3	5	5	3

From the greatest to the smallest, the amounts are:

7892   4479   3553