

Name _____

Date _____

Comparing and Ordering Decimals

In this worksheet, we will practice comparing and ordering decimals. Comparing decimals and comparing whole numbers are very similar. The symbols $>$ "is more than", $<$ "is less than", and $=$ "is equal to" show up here also. For example:

$2.91 > 2.19$ and $2.9 = 2.900$

We will also practice ordering decimals. For example:

Order the following decimals from smallest to largest: 1.2, 1.02, 1.23, 1.5, 1.1

Hint: If all the numbers in the ones place are the same, look at the numbers in the tenth place, then, at the numbers in the hundredth place if the numbers in the tenth place are the same.

.23 is not larger than .5 because $.23 = 23/100$ and $.5 = 50/100$.

The above numbers in smallest to largest order are: 1.02, 1.1, 1.2, 1.23, 1.5

Exercise Questions:

1. Write the missing symbol.

2.2 ____ 2.02

2. Write the missing symbol.

4.13 ____ 4.31

3. Write the missing symbol.

5.2 ____ 5.200

4. Circle the larger decimal.

2.153 2.6

5. Circle the largest decimal.

4.001 4.110 4.101 4.011

6. Order the following decimals from smallest to largest: 1.01, 2.40, 2.112, 1.82, 2.102

7. Order the following decimals from smallest to largest: 3.78, 3.708, 3.07, 3.08, 3.87

8. Order the following decimals from largest to smallest: 5.1, 5.20, 5.15, 5.25, 5.101



Answer Key

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4.13 $<$ 4.31

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5.2 $=$ 5.200

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2.153 (2.6)

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4.001 (4.110) 4.101 4.011

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