

Name _____

Date _____

Compare Decimals to Hundredths Guided Lesson Explanation:

Explanation to #1

Step 1) First, look what is being asked?

Step 2) You have to arrange the numbers from smallest to the greatest.

Step 3) Make place value chart for this.

ones	.	tenths	hundredths	thousandths
2	.	4	8	4
2	.	9	8	2
1	.	2	9	7
1	.	0	0	0
2	.	2	9	7

Compare the digits, starting with the smallest place value. The smallest value is 1.000 then 1.297 then 2.292 then 2.484 then 2.982.

So the answer will be: 1.000 1.297 2.292 2.484 2.982

Explanation to #2

Step 1) First, look what is being asked.

Step 2) We have to compare with the signs $>$, $<$, $=$, \geq

Step 3) Use a place value chart for solving the questions.

ones	.	tenths	hundredths	thousandths
0	.	9	8	4
0	.	4	8	2



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Compare the digits, starting with the highest place value. The ones digits are the same. The tenths digits are different. The tenths digit in 0.984 is greater than the tenths digit in 0.482.

0.984 is greater than 0.482.

Use the greater-than sign.

The answer will be ' $>$ ' $0.984 > 0.482$

Explanation to #3

Step 1) We have to write the numbers from decreasing order.

Decreasing means: biggest to smallest

Step 2) Use a place value chart for solving the questions.

ones	.	tenths	hundredths	thousandths
0	.	2	4	8
0	.	5	2	4
0	.	6	8	9
0	.	4	5	6

Compare the digits, starting with the highest place value. The ones digits are the same. The tenths digits are different. Now compare from tenths digit.

The bigger number is 6 on tenths place then 5 then 4 then 2.

The answer in decreasing order will be: 0.689 0.524 0.456 0.248.

