MY Homework

Lesson 7

Compare and Order Decimals

Homework Helper

eHelp

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Compare 0.83 and 0.85. Use >, <, or =.

One Way Use a number line.

Graph 0.83 and 0.85.

0.83 is to the left of 0.85.

So, 0.83 < 0.85.

Another Way Use place value.

Line up the decimal points. Then compare the digits in each place-value position.

The digits in the ones places are the same.

The digits in the tenths places are the same.

In the hundredths place, 3 < 5.

So, 0.83 < 0.85.

Ones	Tenths	Hundredths
0	8	3
0	8	5

Practice

Compare. Use >, <, or =.

1. 0.9 ◯ 0.4

2. 0.32 ◯ 0.37

3. 0.9 ◯ 0.90

Order from *least* to *greatest*.

4. 0.7, 0.27, 0.43

5. 0.4, 0.22, 0.72

Problem Solving

6. Eli lives 0.7 mile from his school. He lives 0.25 mile from his friend's house. Does Eli live closer to his school or his friend's house?

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7. Alana spent 0.35 of a dollar on a ring at the arcade and 0.72 of a dollar on a snack. Did Alana spend more on the ring or the snack?

_____

8. **Mathematical PRACTICE 7** **Identify Structure** Tristan has a box of toys. Four out of 100 toys are red, 0.52 of the toys are green, and 0.1 of the toys are blue. Write the decimals in order from _greatest_ to _least_.

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9. **Mathematical PRACTICE 4** **Model Math** Write a real-world problem that compares 0.4 and 0.29. Then solve the problem.

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_____

_____

Test Practice

10. Which decimals are ordered from _least_ to _greatest_?

Ⓐ 0.25, 0.9, 0.35

Ⓑ 0.9, 0.25, 0.35

Ⓒ 0.25, 0.35, 0.9

Ⓓ 0.9, 0.35, 0.25

My Work!