ALBERT

Name _____ Date _____

Comparing Decimals Worksheet

Grade 4 · Common Core 4.NF.C.7

> Compare two decimals to hundredths by reasoning about their size. Recognize that comparisons are valid only when the two decimals refer to the same whole. Record the results of comparisons with the symbols >, =, or <, and justify the conclusions, e.g., by using a visual model.

Practice

Builds the skill step by step.

1. Write >, <, or = in the box: 0.5 □ 0.3

2. Write >, <, or = in the box: 0.42 □ 0.47

3. Write >, <, or = in the box: 0.6 □ 0.60

4. Which is greater, 0.7 or 0.65?

   A. 0.65

   B. 0.7

   C. They are equal.

   D. You can't tell.

5. Write >, <, or = in the box: 0.09 □ 0.1

6. Write >, <, or = in the box: 0.8 □ 0.08

7. Write >, <, or = in the box: 0.35 □ 0.53

8. Which decimal is the least?

   A. 0.5

   B. 0.4

   C. 0.31

   D. 0.25

9. Write >, <, or = in the box: 1.2 □ 1.19

10. Write >, <, or = in the box: 0.70 □ 0.7

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On Level

Grade-level practice.

1. Write >, <, or = in the box: 0.3 □ 0.29

2. Write >, <, or = in the box: 0.61 □ 0.6

3. Order from least to greatest: 0.4, 0.04, 0.44

4. Ava ran 0.75 kilometer. Raj ran 0.8 kilometer. Who ran farther?

   A. Ava

   B. Raj

   C. They ran the same distance.

   D. You can't tell.

5. Write >, <, or = in the box: 2.5 □ 2.45

6. Write >, <, or = in the box: 0.09 □ 0.9

7. Which comparison is true?

   A. $0.5 > 0.45$

   B. $0.5 < 0.45$

   C. $0.3 > 0.31$

   D. $0.06 > 0.6$

8. Order from greatest to least: 0.2, 0.18, 0.21

9. Write >, <, or = in the box: $1.05 \square 1.5$

10. Which decimal is between 0.3 and 0.4?

    A. 0.04

    B. 0.45

    C. 0.25

    D. 0.35

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Challenge

Multi-step and word problems that stretch it.

1. Write a decimal between 0.6 and 0.7 that has a 5 in the hundredths place.

2. Ty says 0.25 > 0.3 because 25 is greater than 3. Which is true?

   A. He is right.

   B. He is wrong. 0.3 = 0.30, and 30 hundredths is more than 25 hundredths.

   C. He is wrong. 0.25 = 0.025.

   D. He is wrong. They are equal.

3. How much greater is 0.8 than 0.75? Write a decimal.

4. Which pair can NOT be compared fairly with decimals alone?

   A. 0.6 liter and 0.65 liter

   B. 0.5 of a pizza and 0.7 of the same pizza

   C. 0.5 of a small pizza and 0.5 of a large pizza

   D. 0.3 meter and 0.25 meter

5. What digit goes in the box? 0.□7 is greater than 0.87 and less than 1.

6. Order from least to greatest: 1.3, 1.03, 0.31, 1.33

7. Write >, <, or = in the box: $3.40 \square 3.4$

8. Kim jumped 1.45 meters. Lu jumped 1.5 meters. Mo jumped 1.4 meters. How far did the person who jumped farthest jump?

9. Which decimal is closest to 1?

   A. 0.9

   B. 0.95

   C. 0.99

   D. 1.1

10. Write >, <, or = in the box: $\frac{7}{10} \square 0.69$