

Decimal Checkup Answer Key

A. Compare the Decimals

1. <
2. >
3. =
4. <

B. Order the Decimals

1. 0.704, 0.74, 0.740, 0.77
2. 5.32, 5.320, 5.302, 5.23

C. Equivalent Decimals

- b. 6.400
- a. 0.90

D. Number Line

Left to right: A, C, D, B

E. Real-World Problems

1. Most water: 1.50 L
2. Least to greatest: 1.05 L, 1.18 L, 1.25 L, 1.50 L
3. 2.48 cm

Teacher's Guide

- Review that decimals are compared from left to right, one place value at a time.
- Remind students that trailing zeros do not change a decimal's value.
- Encourage students to use place value charts when comparing decimals with different numbers of digits.
- Have students explain one comparison and one ordering problem to a partner using mathematical vocabulary.
- Use Question 9 as a class discussion to reinforce that numbers farther to the right on a number line are greater.
- Extend the lesson by asking students to create four decimals of their own, plot them on a number line, and challenge a classmate to order them correctly.