Name _____ Date _____

Comparing Decimals to Hundredths: Tenths First, Then Hundredths

Directions: Every decimal here is less than 1. Treat both decimals as parts of one whole, except where a question tells you about two wholes. Compare the tenths first, and look at the hundredths if the tenths match.

1. Both decimals show tenths. Which sign makes the statement true?

Word bank

= • < • >

0.6 _____ 0.2

2. Compare the tenths digits first. Put the correct sign between the decimals.

Word bank

< • = • >

0.27 _____ 0.31

3. Which sentence correctly compares 0.5 and 0.45?

A. They are the same, because each one has a 5 in it.

B. 0.45 is greater, because 45 is greater than 5.

C. 0.45 is greater, because a longer decimal is a bigger number.

D. 0.5 is greater, because 5 tenths is 50 hundredths and 0.45 is 45 hundredths.

4. Think about whether the extra 0 changes the amount. Then choose a sign.

Word bank

< • = • >

0.7 _____ 0.70

5. To compare 0.8 and 0.75, Min thinks of both decimals as hundredths. 0.75 is 75 hundredths. How many hundredths is 0.8?

_____ hundredths

6. One jar has 0.4 liter of paint in it, and another jar has 0.36 liter in it. Type the decimal for the jar with more paint.

_____ liter

7. The path around a lake is longer than the path around a pond. Asha walks 0.3 of the way around the pond. Carlos walks 0.3 of the way around the lake. Who walks farther?

A. Carlos walks farther.

B. Asha walks farther.

C. Both walks are equally long, because $0.3 = 0.3$.

8. A red beetle is 0.9 cm long. A green beetle is 85/100 cm long. Which beetle is longer?

A. the green beetle

B. They are the same length.

C. the red beetle