



Decimals and Place Value

Name: _____

Date: _____

Grade: Grade 4

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: On a number line, 0.9 comes right after 0.10.

Rewrite: _____

2. Fix the sentence: The decimal 0.30 is less than 0.3 because it has a zero at the end.

Rewrite: _____

3. Fix the sentence: In the number 7.52, the digit 5 is in the hundredths place.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

- On a number line from 0 to 1, the point 0.5 is exactly in the _____.
- Use $>$, $<$, or $=$: 0.72 _____ 0.7 .
- The number line shows 10 equal jumps from 0 to 1. Each jump is _____ tenth(s).
- The decimal 0.85 is between 0.8 and _____ on a number line.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Which is greater, 0.6 or 0.58? Explain how you know.

2. Why is it helpful to use a number line when comparing decimals?

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: On a number line, 0.9 comes right after 0.10.

Rewrite: On a number line, 0.9 comes right before 1.0 and is much greater than 0.10.

2. Fix the sentence: The decimal 0.30 is less than 0.3 because it has a zero at the end.

Rewrite: The decimal 0.30 is equal to 0.3 because a trailing zero does not change the value.

3. Fix the sentence: In the number 7.52, the digit 5 is in the hundredths place.

Rewrite: In the number 7.52, the digit 5 is in the tenths place.

Part B: Fill in the Blank

Write the missing word or number on each line.

- On a number line from 0 to 1, the point 0.5 is exactly in the middle.
- Use $>$, $<$, or $=$: 0.72 $>$ 0.7 .
- The number line shows 10 equal jumps from 0 to 1. Each jump is 1 tenth(s).
- The decimal 0.85 is between 0.8 and 0.9 on a number line.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Which is greater, 0.6 or 0.58? Explain how you know.

0.6 is greater because 0.6 equals 0.60, and 60 hundredths is more than 58 hundredths.

2. Why is it helpful to use a number line when comparing decimals?

A number line shows the position of each decimal so you can see which one is farther to the right, meaning it is the greater number.
