



Comparing and Ordering Decimals

Name: _____

Date: _____

Grade: Grade 5

Part A: Fix the Sentence

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

1. Fix the sentence:

The decimals 0.4, 0.04, 0.44, and 0.404 in ascending order are 0.04, 0.4, 0.44, 0.404.

Rewrite: _____

2. Fix the sentence:

When ordering 0.7, 0.17, 0.71, 0.07 from least to greatest, the sequence is 0.07, 0.7, 0.17, 0.71.

Rewrite: _____

3. Fix the sentence:

The smallest decimal among 0.5, 0.55, 0.05, 0.505 is 0.505 because it has the most digits.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. Order 0.3, 0.31, 0.13, 0.03 from least to greatest. The smallest decimal is _____.

2. Place 0.6, 0.06, 0.66, 0.606 on a number line. The greatest decimal is _____.

3. Arrange 1.2, 1.02, 1.22, 1.202 in ascending order. The decimal that comes second is _____.

4. On a number line from 0 to 1, between 0.4 and 0.5 you would place _____.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Order 0.8, 0.08, 0.88, 0.808 from least to greatest. Show how you used place value to decide.

2. Plot 0.2, 0.25, 0.5, 0.05 on a number line from 0 to 1. Which decimal is closest to 0, and which is closest to 1?

Part A: Fix the Sentence

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

1. Fix the sentence:

The decimals 0.4, 0.04, 0.44, and 0.404 in ascending order are 0.04, 0.4, 0.44, 0.404.

Rewrite: The decimals 0.4, 0.04, 0.44, and 0.404 in ascending order are 0.04, 0.4, 0.404, 0.44.

2. Fix the sentence:

When ordering 0.7, 0.17, 0.71, 0.07 from least to greatest, the sequence is 0.07, 0.7, 0.17, 0.71.

Rewrite: When ordering 0.7, 0.17, 0.71, 0.07 from least to greatest, the sequence is 0.07, 0.17, 0.7, 0.71.

3. Fix the sentence:

The smallest decimal among 0.5, 0.55, 0.05, 0.505 is 0.505 because it has the most digits.

Rewrite: The smallest decimal among 0.5, 0.55, 0.05, 0.505 is 0.05 because it has the smallest tenths place.

Part B: Fill in the Blank

Write the missing word or number on each line.

- Order 0.3, 0.31, 0.13, 0.03 from least to greatest. The smallest decimal is 0.03.
- Place 0.6, 0.06, 0.66, 0.606 on a number line. The greatest decimal is 0.66.
- Arrange 1.2, 1.02, 1.22, 1.202 in ascending order. The decimal that comes second is 1.2.
- On a number line from 0 to 1, between 0.4 and 0.5 you would place 0.45.

Part C: Short Answer

Answer each question in one or two complete sentences.

- Order 0.8, 0.08, 0.88, 0.808 from least to greatest. Show how you used place value to decide.

The ascending order is 0.08, 0.808, 0.88, 0.8 padded equals 0.800, so the full sequence is 0.080, 0.800, 0.808, 0.880. I padded each decimal to thousandths and compared the tenths, hundredths, then thousandths places.

2. Plot 0.07, 0.7, 0.07 on a number line from 0 to 1. Which decimal is closest to 0 and which is closest
