



# Decimals and Place Value

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 4

## Part A: Multiple Choice

Circle the best answer for each question.

1. What is the next number in the pattern: 0.10, 0.20, 0.30, \_\_\_\_?

- A) 0.31
- B) 0.40
- C) 0.03
- D) 0.35

2. Which fraction is NOT equal to 0.5?

- A)  $\frac{5}{10}$
- B)  $\frac{50}{100}$
- C)  $\frac{5}{100}$
- D)  $\frac{1}{2}$

3. The expanded form 3 ones + 0 tenths + 8 hundredths equals which decimal?

- A) 3.80
- B) 0.38
- C) 3.08
- D) 30.8

4. Which statement is true?

- A)  $0.7 < 0.07$  because  $7 = 7$
- B)  $0.07 > 0.7$  because 07 has two digits
- C)  $0.7 > 0.07$  because 7 tenths  $>$  7 hundredths
- D)  $0.7 = 0.07$  because both have the digit 7

## Part B: Fill in the Blank

Write the correct answer on each line.

1. Write the next two decimals in the pattern: 0.15, 0.30, 0.45, \_\_\_\_\_, \_\_\_\_\_.
2. The expanded form of 4.09 is 4 ones + 0 tenths + \_\_\_\_\_ hundredths.
3. Write a fraction with denominator 100 that equals 0.7:  $\frac{\quad}{100}$ .
4. The digit 0 in 5.01 means there are zero \_\_\_\_\_.
5. Rewrite 6 tenths + 14 hundredths as a single decimal: \_\_\_\_\_.

Part A: Multiple Choice

Circle the best answer for each question.

1. What is the next number in the pattern: 0.10, 0.20, 0.30, \_\_\_\_?

- A) 0.31
- B) 0.40
- C) 0.03
- D) 0.35

2. Which fraction is NOT equal to 0.5?

- A)  $\frac{5}{10}$
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3. The expanded form 3 ones + 0 tenths + 8 hundredths equals which decimal?

- A) 3.80
- B) 0.38
- C) 3.08
- D) 30.8

4. Which statement is true?

- A)  $0.7 < 0.07$  because  $7 = 7$
- B)  $0.07 > 0.7$  because 07 has two digits
- C)  $0.7 > 0.07$  because 7 tenths > 7 hundredths
- D)  $0.7 = 0.07$  because both have the digit 7

Part B: Fill in the Blank

Write the correct answer on each line.

1. Write the next two decimals in the pattern: 0.15, 0.30, 0.45, 0.60 , 0.75 .
2. The expanded form of 4.09 is 4 ones + 0 tenths + 9 hundredths.
3. Write a fraction with denominator 100 that equals 0.7:  $\frac{70}{100}$  .
4. The digit 0 in 5.01 means there are zero tenths .
5. Rewrite 6 tenths + 14 hundredths as a single decimal: 0.74 .