



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: The fraction $\frac{45}{100}$ as a decimal is 0.045.

Rewrite: _____

2. Fix the sentence: The decimal 0.08 represents eight tenths.

Rewrite: _____

3. Fix the sentence: 2.06 is greater than 2.6 because 06 has two digits.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

- The fraction $\frac{7}{100}$ written as a decimal is _____.
- In the number 5.18, the digit 8 is in the _____ place.
- The decimal 0.6 as a fraction with denominator 10 is _____.
- Three quarters written as a dollar amount is \$ _____.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Write $\frac{30}{100}$ as a decimal and explain your steps.

2. Why does the decimal 0.2 equal the fraction $\frac{20}{100}$?

Part A: Fix the Sentence

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

1. Fix the sentence: The fraction $\frac{45}{100}$ as a decimal is 0.045.

Rewrite: **The fraction $\frac{45}{100}$ as a decimal is 0.45.**

2. Fix the sentence: The decimal 0.08 represents eight tenths.

Rewrite: **The decimal 0.08 represents eight hundredths.**

3. Fix the sentence: 2.06 is greater than 2.6 because 06 has two digits.

Rewrite: **2.6 is greater than 2.06 because 6 tenths is more than 0 tenths and 6 hundredths.**

Part B: Fill in the Blank

Write the missing word or number on each line.

- The fraction $\frac{7}{100}$ written as a decimal is 0.07.
- In the number 5.18, the digit 8 is in the hundredths place.
- The decimal 0.6 as a fraction with denominator 10 is $\frac{6}{10}$.
- Three quarters written as a dollar amount is \$ 0.75.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Write $\frac{30}{100}$ as a decimal and explain your steps.

$\frac{30}{100} = 0.30$ or 0.3 . Since the denominator is 100, the digits go in the tenths and hundredths places.

2. Why does the decimal 0.2 equal the fraction $\frac{20}{100}$?

0.2 is two tenths, and $\frac{2}{10}$ equals $\frac{20}{100}$ when you multiply both the numerator and denominator by 10.
