



Converting Fractions and 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:

A Grade 5 student wrote 0.5 as $\frac{5}{100}$ in simplest form using the place value chart for hundredths.

Rewrite: _____

2. Fix the sentence:

In Grade 5 math, the decimal 0.25 converted to a fraction in simplest form is written as $\frac{25}{10}$ directly.

Rewrite: _____

3. Fix the sentence:

A Grade 5 learner converted 0.6 to a fraction and answered $\frac{6}{100}$, claiming the simplest form was correct here.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. In Grade 5, the decimal 0.5 written as a fraction in simplest form is _____ since $\frac{5}{10}$ reduces by 5.
2. A Grade 5 student converts 0.25 to a fraction in simplest form and writes the equivalent answer as _____ exactly.
3. Grade 5 learners convert the decimal 0.6 to a fraction in simplest form and the final answer they write is _____.
4. When a Grade 5 student rewrites 0.75 as a fraction in simplest form on the worksheet, the answer is _____ overall.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain how a Grade 5 student converts 0.25 to a fraction in simplest form using place value and the greatest common factor.

Answer Key · Converting Fractions and Decimals · Grade: Grade 5

Part A: Fix the Sentence

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

1. Fix the sentence:

A Grade 5 student wrote 0.5 as $\frac{5}{100}$ in simplest form using the place value chart for hundredths.

Rewrite: A Grade 5 student wrote 0.5 as $\frac{1}{2}$ in simplest form using the place value chart for tenths.

2. Fix the sentence:

In Grade 5 math, the decimal 0.25 converted to a fraction in simplest form is written as $\frac{25}{10}$ directly.

Rewrite: In Grade 5 math, the decimal 0.25 converted to a fraction in simplest form is written as $\frac{1}{4}$ directly.

3. Fix the sentence:

A Grade 5 learner converted 0.6 to a fraction and answered $\frac{6}{100}$, claiming the simplest form was correct here.

Rewrite: A Grade 5 learner converted 0.6 to a fraction and answered $\frac{3}{5}$, claiming the simplest form was correct here.

Part B: Fill in the Blank

Write the missing word or number on each line.

- In Grade 5, the decimal 0.5 written as a fraction in simplest form is $\frac{1}{2}$ since $\frac{5}{10}$ reduces by 5.
- A Grade 5 student converts 0.25 to a fraction in simplest form and writes the equivalent answer as $\frac{1}{4}$ exactly.
- Grade 5 learners convert the decimal 0.6 to a fraction in simplest form and the final answer they write is $\frac{3}{5}$.
- When a Grade 5 student rewrites 0.75 as a fraction in simplest form on the worksheet, the answer is $\frac{3}{4}$ overall.

Part C: Short Answer

Answer each question in one or two complete sentences.

- Explain how a Grade 5 student converts 0.25 to a fraction in simplest form using place value and the greatest common factor.

A Grade 5 student reads 0.25 as twenty-five hundredths, writes $\frac{25}{100}$, then divides numerator and