



Adding and Subtracting Fractions with Unlike Denominators

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: $To\ subtract\ \frac{3}{4} - \frac{1}{3},\ the\ LCD\ is\ 8\ so\ the\ answer\ is\ \frac{6}{8} - \frac{2}{8} = \frac{4}{8}.$

Rewrite: _____

2. Fix the sentence:

$\frac{5}{6} - \frac{1}{2}$ equals $\frac{4}{4}$ because you subtract both the numerators and denominators.

Rewrite: _____

3. Fix the sentence: $The\ difference\ of\ \frac{7}{8} - \frac{1}{4}$ is $\frac{5}{8}$ because you subtract 1 from 7 and keep the 8.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

- The LCD of $\frac{5}{6}$ and $\frac{1}{4}$ is _____.
- $\frac{3}{4} - \frac{1}{6} = \frac{9}{12} - \frac{2}{12} =$ _____.
- To subtract $\frac{2}{3} - \frac{1}{5}$, rewrite $\frac{2}{3}$ as $\frac{\quad}{15}$.
- $\frac{7}{10} - \frac{1}{5} = \frac{7}{10} - \frac{2}{10} =$ _____ in simplest form.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. What happens if you forget to find the LCD before subtracting fractions?

2. What is $\frac{5}{6} - \frac{1}{9}$? Show your final answer in simplest form.

Answer Key • Adding and Subtracting Fractions with Unlike Denominators • Grade: Grade 5

Part A: Fix the Sentence

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

1. Fix the sentence: *To subtract $\frac{3}{4} - \frac{1}{3}$, the LCD is 8 so the answer is $\frac{6}{8} - \frac{2}{8} = \frac{4}{8}$.*

Rewrite: _____

2. Fix the sentence:

$\frac{5}{6} - \frac{1}{2}$ equals $\frac{4}{4}$ because you subtract both the numerators and denominators.

Rewrite: _____

3. Fix the sentence: *The difference of $\frac{7}{8} - \frac{1}{4}$ is $\frac{5}{8}$ because you subtract 1 from 7 and keep the 8.*

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. The LCD of $\frac{5}{6}$ and $\frac{1}{4}$ is 12.
2. $\frac{3}{4} - \frac{1}{6} = \frac{9}{12} - \frac{2}{12} = \frac{7}{12}$.
3. To subtract $\frac{2}{3} - \frac{1}{5}$, rewrite $\frac{2}{3}$ as $\frac{10}{15}$.
4. $\frac{7}{10} - \frac{1}{5} = \frac{7}{10} - \frac{2}{10} = \frac{1}{2}$ in simplest form.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. What happens if you forget to find the LCD before subtracting fractions?

2. What is $\frac{5}{6} - \frac{1}{9}$? Show your final answer in simplest form.
