



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: $\frac{4}{9} + \frac{1}{6} = \frac{8}{18} + \frac{3}{18} = \frac{11}{18}$, and $\frac{11}{18}$ simplifies to $\frac{1}{2}$.

Rewrite: _____

2. Fix the sentence: To subtract $\frac{5}{8} - \frac{1}{6}$, you can use any denominator, so $\frac{5}{16} - \frac{1}{16} = \frac{4}{16}$.

Rewrite: _____

3. Fix the sentence: The sum $\frac{1}{3} + \frac{2}{9} = \frac{3}{9} + \frac{2}{9} = \frac{5}{9}$, and this equals $\frac{1}{2}$ in simplest form.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

- The LCD of $\frac{1}{5}$ and $\frac{1}{7}$ is _____.
- $\frac{3}{10} + \frac{1}{4} = \frac{6}{20} + \frac{5}{20} =$ _____.
- To add $\frac{1}{6} + \frac{3}{8}$, rewrite $\frac{1}{6}$ as $\frac{\quad}{24}$.
- $\frac{5}{6} - \frac{3}{4} = \frac{10}{12} - \frac{9}{12} =$ _____ in simplest form.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. How can you tell whether a fraction answer needs to be simplified?

2. What is $\frac{7}{10} - \frac{2}{15}$? Show your work and simplify if possible.

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

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2. Fix the sentence: To subtract $\frac{5}{8} - \frac{1}{6}$, you can use any denominator, so $\frac{5}{16} - \frac{1}{16} = \frac{4}{16}$.

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3. Fix the sentence: The sum $\frac{1}{3} + \frac{2}{9} = \frac{3}{9} + \frac{2}{9} = \frac{5}{9}$, and this equals $\frac{1}{2}$ in simplest form.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. The LCD of $\frac{1}{5}$ and $\frac{1}{7}$ is 35.
2. $\frac{3}{10} + \frac{1}{4} = \frac{6}{20} + \frac{5}{20} = \frac{11}{20}$.
3. To add $\frac{1}{6} + \frac{3}{8}$, rewrite $\frac{1}{6}$ as $\frac{4}{24}$.
4. $\frac{5}{6} - \frac{3}{4} = \frac{10}{12} - \frac{9}{12} = \frac{1}{12}$ in simplest form.

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Answer each question in one or two complete sentences.

1. How can you tell whether a fraction answer needs to be simplified?

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