



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: $To\ add\ \frac{1}{3} + \frac{1}{4},\ you\ add\ the\ numerators\ and\ the\ denominators\ to\ get\ \frac{2}{7}.$

Rewrite: _____

2. Fix the sentence: $The\ sum\ of\ \frac{2}{5} + \frac{1}{3}\ is\ \frac{3}{15}\ because\ 2 + 1 = 3\ and\ the\ LCD\ is\ 15.$

Rewrite: _____

3. Fix the sentence: $When\ you\ add\ \frac{1}{2} + \frac{1}{6},\ the\ answer\ is\ \frac{4}{6}\ which\ simplifies\ to\ \frac{2}{4}.$

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

- The least common denominator of $\frac{1}{4}$ and $\frac{1}{6}$ is _____.
- $\frac{1}{3} + \frac{1}{5} = \frac{5}{15} + \frac{3}{15} =$ _____.
- To add $\frac{3}{8} + \frac{1}{4}$, rewrite $\frac{1}{4}$ as $\frac{\quad}{8}$.
- $\frac{2}{5} + \frac{1}{10} = \frac{4}{10} + \frac{1}{10} =$ _____ in simplest form.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain why you need a common denominator before adding fractions.

2. What is $\frac{1}{4} + \frac{2}{3}$? Show your final answer in simplest form.

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

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Part B: Fill in the Blank

Write the missing word or number on each line.

1. The least common denominator of $\frac{1}{4}$ and $\frac{1}{6}$ is 12.

2. $\frac{1}{3} + \frac{1}{5} = \frac{5}{15} + \frac{3}{15} = \frac{8}{15}$.

3. To add $\frac{3}{8} + \frac{1}{4}$, rewrite $\frac{1}{4}$ as $\frac{2}{8}$.

4. $\frac{2}{5} + \frac{1}{10} = \frac{4}{10} + \frac{1}{10} = \frac{1}{2}$ in simplest form.

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Answer each question in one or two complete sentences.

1. Explain why you need a common denominator before adding fractions.

2. What is $\frac{1}{4} + \frac{2}{3}$? Show your final answer in simplest form.

