



Adding and Subtracting Fractions with Unlike Denominators

Name: _____

Date: _____

Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

1. To rename a fraction with a new denominator, multiply both the numerator and _____ by the same number.
2. The LCD of 3 and 7 is _____.
3. $\frac{4}{5}$ rewritten with a denominator of 15 is $\frac{\quad}{15}$.
4. $\frac{2}{9} + \frac{5}{6} = \frac{4}{18} + \frac{15}{18} = \underline{\quad}$ as a mixed number.
5. After adding or subtracting fractions, always check if the answer can be _____.
6. $\frac{7}{10} - \frac{1}{3} = \frac{21}{30} - \frac{10}{30} = \underline{\quad}$.
7. The LCD of 8 and 12 is _____.
8. $\frac{3}{4} + \frac{5}{6} = \frac{9}{12} + \frac{10}{12} = \underline{\quad}$ as a mixed number in simplest form.
9. When the sum of two fractions is greater than 1, the result is an _____ fraction or a mixed number.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

$\frac{3}{7} + \frac{1}{2}$	→ _____	$1\frac{2}{15}$
$\frac{5}{9} - \frac{1}{6}$	→ _____	$\frac{13}{14}$
$\frac{4}{5} + \frac{1}{3}$	→ _____	$\frac{7}{18}$
$\frac{7}{8} - \frac{3}{10}$	→ _____	$\frac{23}{40}$

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

Part A: Fill in the Blank

Write the missing word or number on each line.

- To rename a fraction with a new denominator, multiply both the numerator and denominator by the same number.
- The LCD of 3 and 7 is 21.
- $\frac{4}{5}$ rewritten with a denominator of 15 is $\frac{12}{15}$.
- $\frac{2}{9} + \frac{5}{6} = \frac{4}{18} + \frac{15}{18} = \underline{1\frac{1}{18}}$ as a mixed number.
- After adding or subtracting fractions, always check if the answer can be simplified.
- $\frac{7}{10} - \frac{1}{3} = \frac{21}{30} - \frac{10}{30} = \underline{\frac{11}{30}}$.
- The LCD of 8 and 12 is 24.
- $\frac{3}{4} + \frac{5}{6} = \frac{9}{12} + \frac{10}{12} = \underline{1\frac{7}{12}}$ as a mixed number in simplest form.
- When the sum of two fractions is greater than 1, the result is an improper fraction or a mixed number.

Part B: Matching

Match each item on the left to the correct answer on the right.

- Match each item to its correct answer.

$\frac{3}{7} + \frac{1}{2}$	→ <u>$\frac{13}{14}$</u>	$1\frac{2}{15}$
$\frac{5}{9} - \frac{1}{6}$	→ <u>$\frac{7}{18}$</u>	$\frac{13}{14}$
$\frac{4}{5} + \frac{1}{3}$	→ <u>$1\frac{2}{15}$</u>	$\frac{7}{18}$
$\frac{7}{8} - \frac{3}{10}$	→ <u>$\frac{23}{40}$</u>	$\frac{23}{40}$