



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. The _____ common denominator is the smallest number both denominators divide into evenly.
2. Fractions that name the same amount, like $\frac{2}{4}$ and $\frac{1}{2}$, are called _____ fractions.
3. Before adding $\frac{1}{3} + \frac{2}{5}$, you must find a common _____.
4. A fraction is in _____ form when the numerator and denominator share no common factor > 1 .
5. The LCD of 4 and 6 is _____.
6. To rename $\frac{3}{5}$ with a denominator of 20, multiply numerator and denominator by _____.
7. $\frac{1}{6} + \frac{3}{4} = \frac{2}{12} + \frac{9}{12} =$ _____ in simplest form.
8. $\frac{5}{8} - \frac{1}{3} = \frac{15}{24} - \frac{8}{24} =$ _____.
9. When a fraction like $\frac{6}{8}$ can be reduced, divide both parts by their greatest _____ factor.

Part B: Matching

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

1. Match each item to its correct answer.

$\frac{1}{2} + \frac{1}{3}$	→ _____
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$\frac{7}{12}$

$\frac{3}{4} - \frac{1}{6}$	→ _____
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$\frac{1}{3}$

$\frac{2}{5} + \frac{1}{4}$	→ _____
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$\frac{5}{6}$

$\frac{5}{6} - \frac{1}{2}$	→ _____
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$\frac{13}{20}$

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.

1. The least common denominator is the smallest number both denominators divide into evenly.
2. Fractions that name the same amount, like $\frac{2}{4}$ and $\frac{1}{2}$, are called equivalent fractions.
3. Before adding $\frac{1}{3} + \frac{2}{5}$, you must find a common denominator.
4. A fraction is in simplest form when the numerator and denominator share no common factor > 1 .
5. The LCD of 4 and 6 is 12.
6. To rename $\frac{3}{5}$ with a denominator of 20, multiply numerator and denominator by 4.
7. $\frac{1}{6} + \frac{3}{4} = \frac{2}{12} + \frac{9}{12} = \frac{11}{12}$ in simplest form.
8. $\frac{5}{8} - \frac{1}{3} = \frac{15}{24} - \frac{8}{24} = \frac{7}{24}$.
9. When a fraction like $\frac{6}{8}$ can be reduced, divide both parts by their greatest common factor.

Part B: Matching

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

1. Match each item to its correct answer.

$\frac{1}{2} + \frac{1}{3}$	→ <u>$\frac{5}{6}$</u>	$\frac{7}{12}$
$\frac{3}{4} - \frac{1}{6}$	→ <u>$\frac{7}{12}$</u>	$\frac{1}{3}$
$\frac{2}{5} + \frac{1}{4}$	→ <u>$\frac{13}{20}$</u>	$\frac{5}{6}$
$\frac{5}{6} - \frac{1}{2}$	→ <u>$\frac{1}{3}$</u>	$\frac{13}{20}$