



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. A number made up of a whole number and a fraction, like $2\frac{1}{4}$, is called a _____ number.
2. To add mixed numbers, first add the _____ parts, then add the whole numbers.
3. An _____ fraction has a numerator greater than or equal to its denominator, like $\frac{7}{3}$.
4. $\frac{3}{10} + \frac{4}{5} = \frac{3}{10} + \frac{8}{10} =$ _____ as a mixed number.
5. To convert $\frac{11}{4}$ to a mixed number, divide 11 by 4 to get _____.
6. When subtracting mixed numbers, you may need to _____ from the whole number part.
7. $2\frac{1}{3} + 1\frac{1}{4} = 2\frac{4}{12} + 1\frac{3}{12} =$ _____.
8. $5\frac{1}{2} - 2\frac{2}{3}$ requires regrouping because $\frac{1}{2}$ is _____ than $\frac{2}{3}$.
9. The sum $\frac{7}{8} + \frac{5}{8} = \frac{12}{8}$, which simplifies to the 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.

$1\frac{1}{2} + 2\frac{1}{3}$	→ _____	$2\frac{7}{12}$
$4\frac{3}{4} - 1\frac{1}{6}$	→ _____	$3\frac{9}{10}$
$2\frac{2}{5} + 1\frac{1}{2}$	→ _____	$3\frac{5}{6}$
$5\frac{1}{3} - 2\frac{3}{4}$	→ _____	$3\frac{7}{12}$

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. A number made up of a whole number and a fraction, like $2\frac{1}{4}$, is called a mixed number.
2. To add mixed numbers, first add the fraction parts, then add the whole numbers.
3. An improper fraction has a numerator greater than or equal to its denominator, like $\frac{7}{3}$.
4. $\frac{3}{10} + \frac{4}{5} = \frac{3}{10} + \frac{8}{10} = \underline{1\frac{1}{10}}$ as a mixed number.
5. To convert $\frac{11}{4}$ to a mixed number, divide 11 by 4 to get $2\frac{3}{4}$.
6. When subtracting mixed numbers, you may need to regroup from the whole number part.
7. $2\frac{1}{3} + 1\frac{1}{4} = 2\frac{4}{12} + 1\frac{3}{12} = \underline{3\frac{7}{12}}$.
8. $5\frac{1}{2} - 2\frac{2}{3}$ requires regrouping because $\frac{1}{2}$ is less than $\frac{2}{3}$.
9. The sum $\frac{7}{8} + \frac{5}{8} = \frac{12}{8}$, which simplifies to the mixed number $1\frac{1}{2}$.

Part B: Matching

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

1. Match each item to its correct answer.

$1\frac{1}{2} + 2\frac{1}{3}$	→ <u>$3\frac{5}{6}$</u>	$2\frac{7}{12}$
$4\frac{3}{4} - 1\frac{1}{6}$	→ <u>$3\frac{7}{12}$</u>	$3\frac{9}{10}$
$2\frac{2}{5} + 1\frac{1}{2}$	→ <u>$3\frac{9}{10}$</u>	$3\frac{5}{6}$
$5\frac{1}{3} - 2\frac{3}{4}$	→ <u>$2\frac{7}{12}$</u>	$3\frac{7}{12}$