



# CCSS Mathematics - Answer Keys for Grade 5

CCSS.Math.Content.5.NF.A.1 - Answer Key for Worksheet #18431

## Answer Key

## Standard: CCSS.Math.Content.5.NF.A.1

Description: Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators. For example,  $\frac{2}{3} + \frac{5}{4} = \frac{8}{12} + \frac{15}{12} = \frac{23}{12}$ . (In general,  $\frac{a}{b} + \frac{c}{d} = \frac{(ad + bc)}{bd}$ .)

## Add improper and proper fractions with unlike denominator:

<p><b>1.</b></p> $\frac{88}{12} + \frac{4}{5} =$ <p><b>Answer:</b></p> $8\frac{2}{15}$	<p><b>6.</b></p> $\frac{2}{8} + \frac{8}{3} =$ <p><b>Answer:</b></p> $2\frac{11}{12}$
<p><b>2.</b></p> $\frac{6}{4} + \frac{1}{7} =$ <p><b>Answer:</b></p> $1\frac{9}{14}$	<p><b>7.</b></p> $\frac{84}{9} + \frac{2}{8} =$ <p><b>Answer:</b></p> $9\frac{7}{12}$
<p><b>3.</b></p> $\frac{3}{5} + \frac{17}{3} =$ <p><b>Answer:</b></p> $6\frac{4}{15}$	<p><b>8.</b></p> $\frac{19}{4} + \frac{3}{7} =$ <p><b>Answer:</b></p> $5\frac{5}{28}$
<p><b>4.</b></p> $\frac{1}{2} + \frac{19}{5} =$ <p><b>Answer:</b></p> $4\frac{3}{10}$	<p><b>9.</b></p> $\frac{25}{11} + \frac{1}{7} =$ <p><b>Answer:</b></p> $2\frac{32}{77}$
<p><b>5.</b></p> $\frac{1}{2} + \frac{1}{5} =$ <p><b>Answer:</b></p> $\frac{7}{10}$	<p><b>10.</b></p> $\frac{1}{2} + \frac{1}{5} =$ <p><b>Answer:</b></p> $\frac{7}{10}$

9.

$$\begin{array}{r} 41 \quad 3 \\ --- + --- = \\ 5 \quad 8 \end{array}$$

**Answer:**

$$\begin{array}{r} 23 \\ 8 --- \\ 40 \end{array}$$

10.

$$\begin{array}{r} 2 \quad 29 \\ --- + --- = \\ 6 \quad 5 \end{array}$$

**Answer:**

$$\begin{array}{r} 2 \\ 6 --- \\ 15 \end{array}$$

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