



# CCSS Mathematics - Answer Keys for Grade 5

CCSS.Math.Content.5.NF.A.1 - Answer Key for Worksheet #18415

## 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,  $2/3 + 5/4 = 8/12 + 15/12 = 23/12$ . (In general,  $a/b + c/d = (ad + bc)/bd$ .)

### Add improper and proper fractions with unlike denominator:

<p><b>1.</b></p> $\frac{3}{6} + \frac{36}{10} =$ <p><b>Answer:</b></p> $\frac{1}{4} + \frac{10}{10}$	<p><b>6.</b></p> $\frac{72}{11} + \frac{7}{12} =$ <p><b>Answer:</b></p> $\frac{17}{7} + \frac{132}{132}$
<p><b>2.</b></p> $\frac{43}{7} + \frac{1}{8} =$ <p><b>Answer:</b></p> $\frac{15}{6} + \frac{56}{56}$	<p><b>7.</b></p> $\frac{8}{12} + \frac{85}{9} =$ <p><b>Answer:</b></p> $\frac{1}{10} + \frac{9}{9}$
<p><b>3.</b></p> $\frac{20}{8} + \frac{4}{11} =$ <p><b>Answer:</b></p> $\frac{19}{2} + \frac{22}{22}$	<p><b>8.</b></p> $\frac{1}{2} + \frac{41}{7} =$ <p><b>Answer:</b></p> $\frac{5}{6} + \frac{14}{14}$
<p><b>4.</b></p> $\frac{119}{12} + \frac{3}{4} =$ <p><b>Answer:</b></p> $\frac{2}{10} + \frac{3}{3}$	<p><b>9.</b></p> $\frac{29}{3} + \frac{3}{7} =$ <p><b>Answer:</b></p> $\frac{2}{10} + \frac{21}{21}$
<p><b>5.</b></p>	<p><b>10.</b></p>

9.

$$\begin{array}{r} 16 \quad 7 \\ --- + --- = \\ 3 \quad 10 \end{array}$$

**Answer:**

$$\begin{array}{r} 1 \\ 6 --- \\ 30 \end{array}$$

10.

$$\begin{array}{r} 27 \quad 1 \\ --- + --- = \\ 6 \quad 4 \end{array}$$

**Answer:**

$$\begin{array}{r} 3 \\ 4 --- \\ 4 \end{array}$$

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