



CCSS Mathematics - Answer Keys for Grade 5

CCSS.Math.Content.5.NF.A.1 - Answer Key for Worksheet #27883

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 Proper Fraction and Mixed Number with Unlike Denominator:

<p>1.</p> $\frac{2}{3} + 7\frac{2}{5} =$ <p>Answer:</p> $7\frac{1}{8} + \frac{15}{15} = 7\frac{16}{15}$	<p>6.</p> $\frac{8}{9} + 8\frac{2}{5} =$ <p>Answer:</p> $\frac{13}{9} + \frac{40}{5} = \frac{13}{9} + \frac{72}{9} = 8\frac{85}{9}$
<p>2.</p> $\frac{7}{11} + 8\frac{1}{8} =$ <p>Answer:</p> $\frac{67}{88} + \frac{8}{1} = \frac{67}{88} + \frac{704}{88} = 8\frac{771}{88}$	<p>7.</p> $\frac{2}{12} + 1\frac{2}{5} =$ <p>Answer:</p> $\frac{17}{30} + \frac{1}{1} = \frac{17}{30} + \frac{10}{10} = 1\frac{37}{30}$
<p>3.</p> $\frac{6}{12} + 3\frac{6}{7} =$ <p>Answer:</p> $\frac{5}{4} + \frac{3}{1} = \frac{5}{4} + \frac{12}{4} = 3\frac{17}{4}$	<p>8.</p> $\frac{11}{12} + 4\frac{5}{10} =$ <p>Answer:</p> $\frac{5}{5} + \frac{5}{1} = \frac{5}{5} + \frac{10}{5} = 1\frac{15}{5} = 3$
<p>4.</p> $\frac{8}{12} + 8\frac{10}{11} =$ <p>Answer:</p> $\frac{19}{33} + \frac{8}{1} = \frac{19}{33} + \frac{264}{33} = 8\frac{283}{33}$	<p>9.</p> $\frac{4}{6} + 1\frac{2}{9} =$ <p>Answer:</p> $\frac{8}{9} + \frac{1}{1} = \frac{8}{9} + \frac{9}{9} = 1\frac{17}{9}$
<p>5.</p>	<p>10.</p>

9.

$$\begin{array}{r} 5 \quad 4 \\ --- + 2 \quad --- = \\ 11 \quad 10 \end{array}$$

Answer:

$$\begin{array}{r} 47 \\ 2 \quad --- \\ 55 \end{array}$$

10.

$$\begin{array}{r} 7 \quad 4 \\ --- + 9 \quad --- = \\ 11 \quad 9 \end{array}$$

Answer:

$$\begin{array}{r} 8 \\ 10 \quad --- \\ 99 \end{array}$$

Answer Key for Printable #: 27883-CCSS.Math.Content.5.NF.A.1

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