



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NF.A.1 - Worksheet #30787

Name: _____

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 and Subtract Proper Fractions with Unlike Denominator:

| | |
|----------------------------------------------------|-------------------------------------------------|
| <p>1.</p> $\frac{2}{5} + \frac{4}{6} =$ | <p>6.</p> $\frac{1}{7} + \frac{3}{8} =$ |
| <p>2.</p> $\frac{10}{11} - \frac{10}{12} =$ | <p>7.</p> $\frac{8}{11} - \frac{4}{8} =$ |
| <p>3.</p> $\frac{5}{9} - \frac{5}{10} =$ | <p>8.</p> $\frac{3}{8} - \frac{1}{5} =$ |
| <p>4.</p> $\frac{11}{12} - \frac{5}{9} =$ | <p>9.</p> $\frac{1}{2} + \frac{1}{9} =$ |
| <p>5.</p> $\frac{2}{5} - \frac{3}{9} =$ | <p>10.</p> $\frac{3}{5} - \frac{1}{4} =$ |

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