

3.10 Adding and Subtracting Fractions with Unlike Denominators

Chapter 3: Factors, Multiples, and Fractions

Name: _____

Date: _____

Class/Period: _____

Problem 3.136 $\frac{13}{12} + \frac{3}{4}$

Problem 3.139 $\frac{7}{4} - \frac{3}{7}$

Problem 3.137 $\frac{9}{4} - \frac{5}{8}$

Problem 3.140 $2 - \frac{1}{5}$

Problem 3.138 $\frac{13}{6} + \frac{15}{4}$

Problem 3.141 $\frac{41}{6} + \frac{3}{2}$

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Problem 3.142 $\frac{5}{9} + \frac{5}{6}$

Problem 3.145 $3\frac{5}{8} + 5\frac{11}{12}$

Problem 3.143 $4\frac{11}{12} - \frac{5}{9}$

Problem 3.146 $2\frac{1}{7} + 5\frac{11}{28}$

Problem 3.144 $\frac{1}{6} + 2\frac{1}{2}$

Problem 3.147 $3\frac{2}{7} + 3\frac{5}{21}$

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Problem 3.148 River Run Middle School has $\frac{3}{8}$ of its students in seventh grade and $\frac{1}{3}$ in eighth grade. What fraction are in sixth grade?

Problem 3.151 A rope is $5\frac{3}{8}$ feet long. After $1\frac{2}{3}$ feet is cut off, how much remains?

Problem 3.149 Alex combines $2\frac{1}{6}$ liters of apple juice and $1\frac{7}{8}$ liters of cranberry juice. How much juice does he make?

Problem 3.152 A tunnel is $15\frac{1}{2}$ feet tall, and a truck is $13\frac{5}{12}$ feet tall. Find the clearance above the truck.

Problem 3.150 A recipe needs $2\frac{3}{4}$ cups of sugar. Alia has $1\frac{5}{6}$ cups. How much more does she need?

Problem 3.153 A cake is divided so that $\frac{4}{9}$ goes to one child and $\frac{1}{6}$ to another. What fraction remains?