

# Practice 4-2

## Fractions With Like Denominators

Write each sum or difference in simplest form.

1.  $\frac{1}{4} + \frac{2}{4}$

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2.  $\frac{7}{10} - \frac{4}{10}$

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3.  $\frac{5}{8} - \frac{3}{8}$

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4.  $\frac{1}{8} + \frac{5}{8}$

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5.  $\frac{5}{8} + \frac{2}{8}$

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6.  $\frac{3}{10} + \frac{6}{10}$

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7.  $\frac{11}{12} - \frac{5}{12}$

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8.  $\frac{11}{16} - \frac{3}{16}$

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9.  $\frac{3}{6} + \frac{1}{6}$

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10.  $\frac{7}{9} - \frac{3}{9}$

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11.  $\frac{11}{14} - \frac{3}{14}$

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12.  $\frac{5}{17} + \frac{13}{17}$

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13. What is the total amount of sugar in the recipe at the right?

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14. Martha decides to double the recipe. How much brown sugar will she use?

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Martha's Cookie Recipe
1 cup shortening
2 eggs
$\frac{1}{4}$ cup white sugar
$\frac{1}{4}$ cup brown sugar
$1\frac{1}{2}$ cup flour
1 teaspoon vanilla

Estimate each sum or difference.

15.  $\frac{3}{8} + \frac{2}{8} - \frac{4}{8}$

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16.  $\frac{1}{10} + \frac{2}{10} + \frac{4}{10}$

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17.  $\frac{7}{15} - \frac{2}{15} - \frac{5}{15}$

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18.  $\frac{9}{20} - \left(\frac{2}{20} - \frac{4}{20}\right)$

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19.  $\frac{6}{9} + \frac{2}{9} - \frac{1}{9}$

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20.  $\frac{12}{50} + \frac{20}{50} + \frac{8}{50}$

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Solve.

21. At the tea shop,  $\frac{5}{15}$  of the customers purchased green tea,  $\frac{2}{15}$  of the customers purchased jasmine tea, and  $\frac{5}{15}$  of the customers purchased herbal tea. What portion of the customers purchased another type of tea?

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22. A piece of fabric is  $\frac{7}{9}$  yard long. A piece of ribbon is  $\frac{2}{9}$  yard long. How many more yards of ribbon do you need to have equal lengths of fabric and ribbon?

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