

Practice 5-2**Fractions With Like Denominators**

Write each sum or difference in simplest form.

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

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

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

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

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

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

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

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

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.

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

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

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

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

Solve.

13. 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?14. 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?