

Name \_\_\_\_\_

## Add and Subtract Fractions



COMMON CORE STANDARD MACC.5.NF.1.1

Use equivalent fractions as a strategy to add and subtract fractions.

Find the sum or difference. Write your answer in simplest form.

1.  $\frac{1}{2} - \frac{1}{7}$

$$\begin{array}{r} \frac{1}{2} \rightarrow \frac{7}{14} \\ -\frac{1}{7} \rightarrow -\frac{2}{14} \\ \hline \frac{5}{14} \end{array}$$

2.  $\frac{7}{10} - \frac{1}{2}$

\_\_\_\_\_

3.  $\frac{1}{6} + \frac{1}{2}$

\_\_\_\_\_

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

\_\_\_\_\_

5.  $\frac{9}{10} - \frac{1}{3}$

\_\_\_\_\_

6.  $\frac{3}{4} - \frac{2}{5}$

\_\_\_\_\_

7.  $\frac{5}{7} - \frac{1}{4}$

\_\_\_\_\_

8.  $\frac{7}{8} + \frac{1}{3}$

\_\_\_\_\_

9.  $\frac{5}{6} + \frac{2}{5}$

\_\_\_\_\_

10.  $\frac{1}{6} - \frac{1}{10}$

\_\_\_\_\_

11.  $\frac{6}{11} - \frac{1}{2}$

\_\_\_\_\_

12.  $\frac{5}{6} + \frac{3}{7}$

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## Problem Solving REAL WORLD

13. Kaylin mixed two liquids for a science experiment. One container held  $\frac{7}{8}$  cup and the other held  $\frac{9}{10}$  cup. What is the total amount of the mixture?

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14. Henry bought  $\frac{1}{4}$  pound of screws and  $\frac{2}{5}$  pound of nails to build a skateboard ramp. What is the total weight of the screws and nails?

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