

Name _____

Add and Subtract Fractions



COMMON CORE STANDARD—5.NF.A.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. $\frac{5}{6} + \frac{2}{5}$

Problem Solving



10. 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?

11. 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?

12. **WRITE** *Math* How is $\frac{1}{2} + \frac{1}{4}$ solved differently than $\frac{1}{2} + \frac{1}{3}$?

