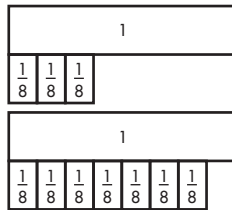


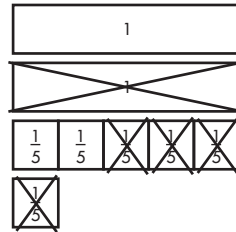
Modeling Addition and Subtraction of Mixed Numbers

For **1** and **2**, use each model to find each sum or difference.

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



2. $3\frac{1}{5} - 1\frac{4}{5}$



Use fraction strips to find each sum or difference.
Simplify, if possible.

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

4. $3\frac{5}{6} + 4\frac{3}{6}$

5. $5\frac{1}{4} - 1\frac{2}{4}$

6. $12\frac{3}{8} - 2\frac{5}{8}$

7. $8\frac{1}{6} - 3\frac{5}{6}$

8. $4\frac{6}{10} + 5\frac{7}{10}$

9. $7\frac{1}{9} - 4\frac{2}{9}$

10. $6\frac{2}{5} + 3\frac{4}{5}$

11. $1\frac{1}{6} + 3\frac{5}{6}$

12. $2\frac{4}{9} + 6\frac{7}{9}$

13. $6\frac{3}{5} - 4\frac{3}{5}$

14. $5\frac{1}{3} - 4\frac{2}{3}$

15. Jerome's rain gauge showed $13\frac{9}{10}$ centimeters (cm) at the end of last month. At the end of this month, the rain gauge showed $15\frac{3}{10}$ centimeters. How many more centimeters of rain fell this month?

A $29\frac{2}{10}$ cm

B $15\frac{3}{10}$ cm

C $2\frac{4}{10}$ cm

D $1\frac{4}{10}$ cm

16. You are adding $3\frac{2}{3} + 2\frac{2}{3}$ using fraction strips. Explain how you rename the fraction part of the problem.
