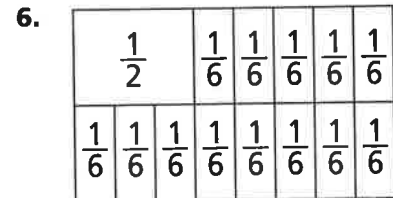
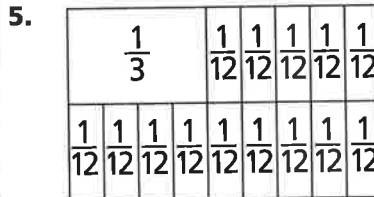
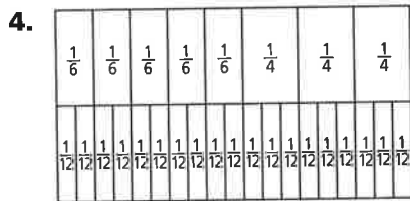
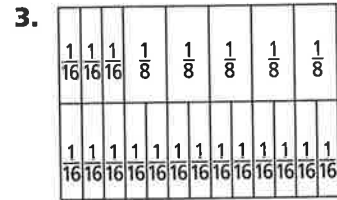
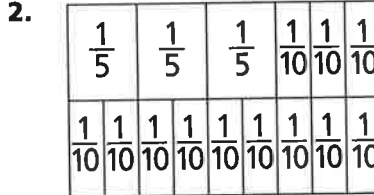
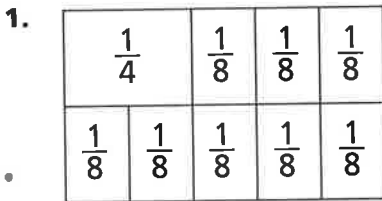


# Explore Adding Fractions with Unlike Denominators

Write the addition sentence shown by each model.  
 Write the sum in simplest form.



Add.

7.  $\frac{1}{10} + \frac{1}{5} =$  \_\_\_\_\_

8.  $\frac{1}{12} + \frac{1}{6} =$  \_\_\_\_\_

9.  $\frac{5}{16} + \frac{3}{8} =$  \_\_\_\_\_

10.  $\frac{3}{4} + \frac{1}{12} =$  \_\_\_\_\_

11.  $\frac{1}{2} + \frac{3}{8} =$  \_\_\_\_\_

12.  $\frac{2}{3} + \frac{5}{6} =$  \_\_\_\_\_

13.  $\frac{3}{8} + \frac{3}{4} =$  \_\_\_\_\_

14.  $\frac{1}{2} + \frac{2}{3} =$  \_\_\_\_\_

15.  $\frac{4}{5} + \frac{1}{10} =$  \_\_\_\_\_

16.  $\frac{1}{6} + \frac{5}{12} =$  \_\_\_\_\_

17.  $\frac{5}{8} + \frac{7}{16} =$  \_\_\_\_\_

18.  $\frac{3}{5} + \frac{1}{2} =$  \_\_\_\_\_

## Problem Solving

19. At a park, a picnic shelter covers  $\frac{1}{4}$  acre and a playground covers  $\frac{5}{8}$  acre. How much area is covered by the picnic shelter and the playground?

20. The tropical rain forest at a zoo covers  $\frac{3}{4}$  acre, and the desert area covers  $\frac{1}{2}$  acre. How much of the zoo is rain forest or desert?