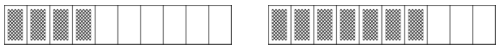
4.NF.3 #1 Name: Date:_____

**1.** Complete each equation. If a sum is greater than 1, write it as a mixed number.

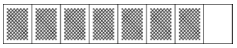
**a.** 

$\frac{2}{6} + \frac{3}{6} =$

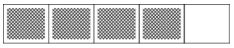
**b.** 

$\frac{4}{10} + \frac{7}{10} =$

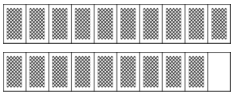
**2.** Cross off the bars and parts of bars to indicate the amount being taken away and complete the equation.

**a** 

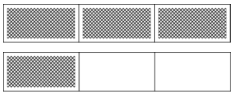
$\frac{7}{8} - \frac{5}{8} =$

**b.** 

$\frac{4}{5} - \frac{3}{5} =$

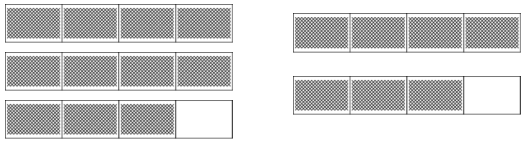
**c.** 

$1\frac{9}{10} - \frac{5}{10} =$

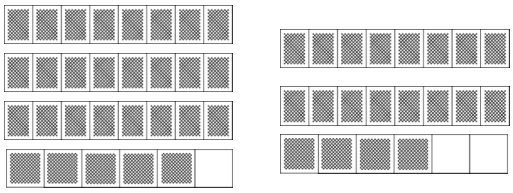
**d.** 

$1\frac{1}{3} - \frac{2}{3} =$

**2.** Complete each equation by writing the sum as a mixed number.

**a.** 

$2\frac{3}{4} + 1\frac{3}{4} =$

**b.** 

$3\frac{5}{6} + 2\frac{4}{6} =$

**3.** Illustrate the given information with a visual fraction model.

**a.** A cake is cut into 10 equal parts. If $\frac{4}{10}$ of the cake is eaten by the adults in the family and $\frac{5}{10}$ of the cake is eaten by the children, what fraction of the cake has been eaten?

**b**. There are two loaves of bread and each loaf is cut into 8 equal pieces. If $\frac{5}{8}$ of a loaf is used for breakfast and $\frac{7}{8}$ of a loaf is used for lunch, what fraction of the bread is left?

**4.** A farmer has $\frac{5}{6}$ of an acre of land to plant crops and plans to plant corn, wheat, and potatoes. Fill in the numerators of the following fractions to show three different methods for dividing the $\frac{5}{6}$-acre of land.

Method 1: $\frac{\quad}{6} + \frac{\quad}{6} + \frac{\quad}{6} = \frac{5}{6}$

Method 2: $\frac{\quad}{6} + \frac{\quad}{6} + \frac{\quad}{6} = \frac{5}{6}$

Method 3: $\frac{\quad}{6} + \frac{\quad}{6} + \frac{\quad}{6} = \frac{5}{6}$