

Name _____

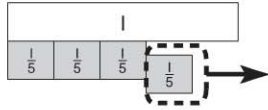
Subtract Fractions Using Models

COMMON CORE STANDARD CC.4.NF.3d

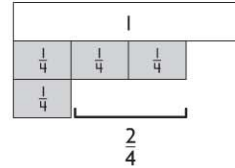
Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.

Subtract. Use fraction strips to help.

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



$$2. \frac{3}{4} - \frac{1}{4} = \underline{\hspace{2cm}}$$



$$3. \frac{5}{6} - \frac{1}{6} = \underline{\hspace{2cm}}$$

$$4. \frac{7}{8} - \frac{1}{8} = \underline{\hspace{2cm}}$$

$$5. 1 - \frac{2}{3} = \underline{\hspace{2cm}}$$

$$6. \frac{8}{10} - \frac{2}{10} = \underline{\hspace{2cm}}$$

$$7. \frac{3}{4} - \frac{1}{4} = \underline{\hspace{2cm}}$$

$$8. \frac{7}{6} - \frac{5}{6} = \underline{\hspace{2cm}}$$

Problem Solving

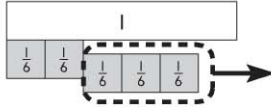
Use the table for 9 and 10.

9. Ena is making trail mix. She buys the items shown in the table. How many more pounds of pretzels than raisins does she buy?

10. How many more pounds of granola than banana chips does she buy?

Item	Weight (in pounds)
Pretzels	$\frac{7}{8}$
Peanuts	$\frac{4}{8}$
Raisins	$\frac{2}{8}$
Banana Chips	$\frac{3}{8}$
Granola	$\frac{5}{8}$

Lesson Check (CC.4.NF.3d)

- Lee reads for $\frac{3}{4}$ hour in the morning and $\frac{2}{4}$ hour in the afternoon. How much longer does Lee read in the morning than in the afternoon?
 - 5 hours
 - $\frac{5}{4}$ hours
 - $\frac{4}{4}$ hour
 - $\frac{1}{4}$ hour
- Which equation does the model below represent?
 
 - $\frac{3}{6} - \frac{2}{6} = \frac{1}{6}$
 - $\frac{2}{6} - \frac{1}{6} = \frac{1}{6}$
 - $\frac{5}{6} - \frac{3}{6} = \frac{2}{6}$
 - $1 - \frac{3}{6} = \frac{3}{6}$

Spiral Review (CC.4.NBT.5, CC.4.NF.2, CC.4.NF.3d)

- A city received 2 inches of rain each day for 3 days. The meteorologist said that if the rain had been snow, each inch of rain would have been 10 inches of snow. How much snow would that city have received in the 3 days? (Lesson 2.8)
 - 20 inches
 - 30 inches
 - 50 inches
 - 60 inches
- Deena uses $\frac{3}{8}$ cup milk and $\frac{2}{8}$ cup oil in a recipe. How much liquid does she use in all? (Lesson 7.3)
 - $\frac{1}{8}$ cup
 - $\frac{5}{8}$ cup
 - $\frac{6}{8}$ cup
 - 5 cups
- At a party there were four large submarine sandwiches, all the same size. During the party, $\frac{2}{3}$ of the chicken sandwich, $\frac{3}{4}$ of the tuna sandwich, $\frac{7}{12}$ of the roast beef sandwich, and $\frac{5}{6}$ of the veggie sandwich were eaten. Which sandwich had the least amount left? (Lesson 6.8)
 - chicken
 - tuna
 - roast beef
 - vegie
- In the car lot, $\frac{4}{12}$ of the cars are white and $\frac{3}{12}$ of the cars are blue. What fraction of the cars in the lot are either white or blue? (Lesson 7.3)
 - $\frac{1}{12}$
 - $\frac{7}{24}$
 - $\frac{7}{12}$
 - 7