

Adding and Subtracting Fractions
Independent Practice

In questions 1-3, write each fraction as a sum of unit fractions with the same denominator.

1. $\frac{5}{9} =$

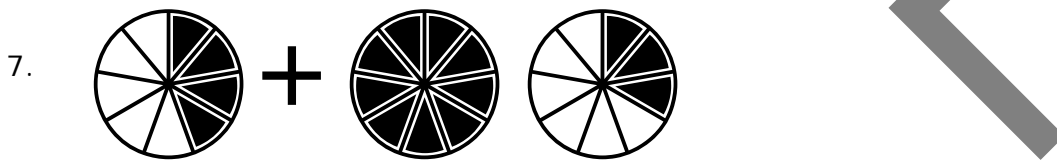
2. $\frac{8}{3} =$

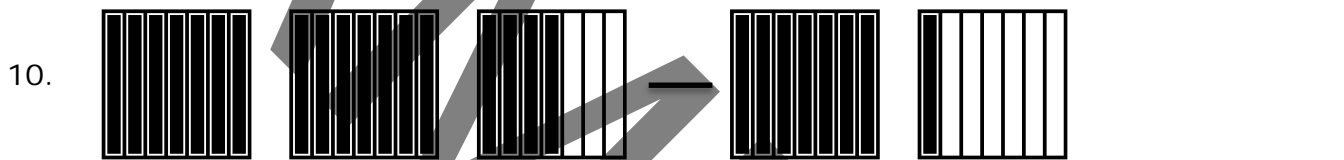
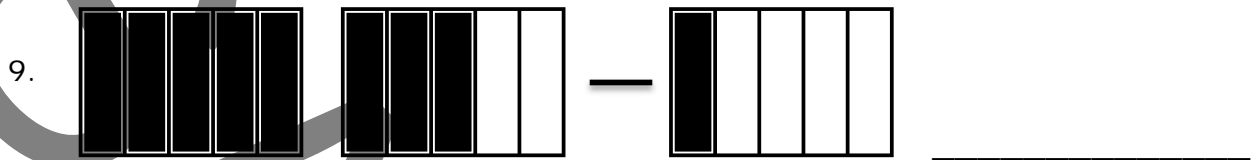
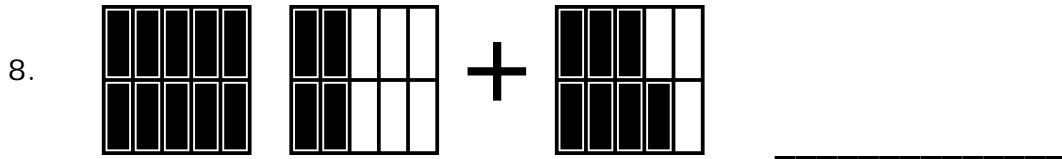
3. $\frac{6}{5} =$

In questions 4-6, decompose each fraction as a sum of two or more fractions with the same denominator. Decompose each fraction two different ways.

Fraction	Method 1	Method 2
4. $3\frac{3}{4}$		
5. $\frac{7}{9}$		
6. $2\frac{2}{5}$		

In questions 7 - 10, write and solve the number sentence represented by each model.





In questions 11 - 12, use benchmark fractions to estimate the answer.

11. Cameron has two bags of candy. One weighs $3\frac{1}{9}$ pound and one weighs $1\frac{7}{9}$ pound. Does Cameron have closer to 4 pounds or 5 pounds of candy? Explain.

12. Alexis has $4\frac{4}{7}$ quarts of lemonade. Her favorite glass holds $\frac{3}{4}$ quart. If Alexis pours one glass of lemonade, will she have 4 quarts left? Explain.



In questions 13 - 15, use addition or subtraction to solve the problems.

13. Hannah needs $1\frac{1}{4}$ bags of concrete mix to make a stepping stone and $5\frac{2}{4}$ bags to make a base for a dog house. How much concrete mix does Hannah need in all?

14. Dylan has a bag of marbles. Of the marbles, $\frac{2}{9}$ are blue, $\frac{3}{9}$ are red and the rest are yellow. What fraction of the marbles is yellow?

15. Last week, Tyler talked on his cell phone for $9\frac{7}{8}$ hours. This week, he has talked on his cell phone for $6\frac{3}{8}$ hours. How many more hours did Tyler talk on his cell phone last week than this week?

