Adding and subtracting fractions assignment   name:_____

1. Draw and explain the process of adding $\dfrac{3}{4}+\dfrac{2}{3}$ using fraction circles by matching and trading.

2. Draw and explain the process of subtracting $\dfrac{5}{6}-\dfrac{2}{5}$ using fraction squares. Include and explanation of finding equivalent fractions with the same denominator using the visual model *and* use the visual model to explain the multiplication process for the equivalent fractions.

3. Which of these problems fits $\dfrac{1}{2} - \dfrac{1}{3}$?

a. Janet walked $\dfrac{1}{2}$ of a mile. Kim walked $\dfrac{1}{3}$ of a mile. How much further did Janet walk than Kim?

b. Mike had a half gallon of milk. He drank 1/3 of the milk he had. How much milk does he have left?

c. Nate the Great had $\dfrac{1}{2}$ cup of sugar. He used $\dfrac{1}{3}$ cup of sugar to make pancakes. How much sugar does he have left?

d. Sue had half of a pizza as leftovers. She ate 1/3 of the leftover pizza (not a third of the whole pizza). How much pizza is left now?

4. Write a subtraction word problem for $\dfrac{3}{4} - \dfrac{2}{3}$

5. Write an addition word problem for $\dfrac{2}{3} + \dfrac{3}{4}$