

## Fractions of the Week

\_\_\_\_\_ and \_\_\_\_\_

**Monday:** Compare the two fractions using the symbols  $>$ ,  $=$ , or  $<$ . Justify your comparisons by representing each fraction on a number line or as an area model.

**Tuesday:** Generate five equivalent fractions for each fraction. Use visual models to show why the fractions are equivalent.

**Wednesday:** a) Find the sum of the two fractions. Explain your strategy.  
b) Find the difference between the two fractions. Explain your strategy.  
c) Find the product of the two fractions. Explain your strategy.

**Thursday:** Write and solve three word problems using the two fractions. Each problem should use a different operation. Use visual models to show why each answer is correct.

**Friday:** Write three facts about each fraction. Here are some possibilities:

- Is it a proper fraction, improper fraction, or mixed number? How do you know?
- How might you decompose this fraction into a sum of fractions with the same denominator? For example:  
 $3/8 = 1/8 + 1/8 + 1/8$ ;  $3/8 = 1/8 + 2/8$   
 $2 \frac{1}{8} = 1 + 1 + 1/8 = 8/8 + 8/8 + 1/8$
- Can you simplify this fraction?
- How would you convert this fraction to a decimal?
- If I double/triple this fraction ....
- If I divide this fraction by a whole number ...
- If I divide a whole number by this fraction...