Unit 5: Operations with Fractions   Name: _____

<u>Using Models to Subtract Fractions - Worksheet</u>

1. Subtract.

a) $\frac{5}{6} - \frac{4}{6}$ **b)** $\frac{2}{5} - \frac{1}{5}$ **c)** $\frac{9}{10} - \frac{7}{10}$ **d)** $\frac{7}{8} - \frac{5}{8}$

2. Subtract.
Estimate first.
Sketch pictures to show each difference.

a) $\frac{7}{6} - \frac{2}{3}$ **b)** $\frac{9}{8} - \frac{3}{4}$ **c)** $\frac{13}{10} - \frac{4}{5}$ **d)** $\frac{15}{8} - \frac{3}{2}$

3. Subtract.
Estimate first.

a) $\frac{7}{8} - \frac{2}{3}$ **b)** $\frac{6}{5} - \frac{1}{3}$ **c)** $\frac{5}{4} - \frac{1}{3}$ **d)** $\frac{3}{5} - \frac{1}{4}$

4. Brandy spent $\frac{1}{10}$ of her summer vacation reading, $\frac{1}{15}$ watching her favourite movies,

$\frac{1}{3}$ visiting her grandparents, and twice the reading time playing with her friends.

a) What is the difference in the fractions Brandy spent with her grandparents and playing with her friends?

b) Did she spend more time reading or watching movies? Explain your thinking.

c) Did Brandy have time to do anything else beside these activities? Explain your thinking.

5. Glenn has $\frac{5}{8}$ of a cup of walnuts.

He needs $\frac{2}{3}$ of a cup of walnuts to make a loaf of banana bread.

Does Glenn have enough?
If your answer is yes, explain why it is enough.
If your answer is no, how much more does Glenn need?