

Name: _____

Homework 12/10

Directions: Solve each subtraction problem. Make sure to borrow from the whole number when needed.

1) $\frac{5}{7} - \frac{2}{3} =$ _____

2) $\frac{2}{3} - \frac{3}{8} =$ _____

3) $\frac{4}{5} - \frac{2}{3} =$ _____

4) Sam walks $\frac{4}{5}$ of a mile to get to the park. Jason walks $\frac{5}{12}$ of a mile to get to the park. How much further does Sam walk than Jason to get to the park?

5) Fred picked $\frac{5}{10}$ of a bucket of plums, and Sandy picked $\frac{3}{10}$ of a bucket of plums. How much more did Fred pick? _____

Directions: Solve each multiplication problem. Prove your work by creating a picture, array model, number line or doing repeated addition. Use the back if you need to.

6) $9 \times \frac{7}{9} =$ _____

7) $5 \times \frac{8}{10} =$ _____

8) $3 \times \frac{4}{5} =$ _____

9) A factory puts $\frac{1}{8}$ of a gallon of vinegar into each batch of salad dressing. How many gallons of vinegar will be used in 7 batches? _____

10) On Friday Samson sold 6 pitchers of lemonade from his lemonade stand. On Saturday, he sold $\frac{1}{3}$ as much lemonade than on Friday. How many pitchers of lemonade did Samson sell on Saturday? _____