Name _____ Date _____

1. For the following problems, draw a picture using the rectangular fraction model and write the answer. When possible, write your answer as a mixed number.

a. $\frac{3}{4} + \frac{1}{3} =$

b. $\frac{3}{4} + \frac{2}{3} =$

c. $\frac{1}{3} + \frac{3}{5} =$

d. $\frac{5}{6} + \frac{1}{2} =$

e. $\frac{2}{3} + \frac{5}{6} =$

f. $\frac{4}{3} + \frac{4}{7} =$

Solve the following problems. Draw a picture, and write the number sentence that proves the answer. Simplify your answer, if possible.

2. Sam made $\frac{2}{3}$ liter of punch and $\frac{3}{4}$ liter of tea to take to a party. How many liters of beverages did Sam bring to the party?

3. Mr. Sinofsky used $\frac{5}{8}$ of a tank of gas on a trip to visit relatives for the weekend and another 1 half of a tank commuting to work the next week. He then took another weekend trip and used $\frac{1}{4}$ tank of gas. How many tanks of gas did Mr. Sinofsky use altogether?

Answer Key

1.
   a. Accurate picture drawn; $1\frac{1}{12}$

   b. Accurate picture drawn; $1\frac{5}{12}$

   c. Accurate picture drawn; $\frac{14}{15}$

   d. Accurate picture drawn; $1\frac{1}{3}$

   e. Accurate picture drawn; $1\frac{1}{2}$

   f. Accurate picture drawn; $1\frac{19}{21}$

2. $1\frac{5}{12}$ L

3. $1\frac{3}{8}$