Fractions Word Problems Homework #1 Name _____

1. Which story problem could be answered by finding $\frac{2}{3} \div \frac{9}{10}$?

   I. How many $\frac{9}{10}$ -quart pitchers can be filled with $\frac{2}{3}$ quart of water?

   II. How many $\frac{2}{3}$ -quart pitchers can be filled with $\frac{9}{10}$ quart of water?

2. The Coffee Pub has cans of coffee that weigh $3\frac{1}{4}$ pounds each. The Pub has 8 cans of coffee left. What is the total weight of the cans?

3. How many $\frac{1}{6}$ pound bag of trail mix can be made from $4\frac{2}{3}$ pounds of trail mix?

4. DJ Gabe is going to serve $\frac{1}{3}$ of a pizza to each guest at his party. If he expects 24 guests, how many pizza's will he need?

Fractions Word Problems Homework #1 Name Key

1. Which story problem could be answered by finding $\frac{2}{3} \div \frac{9}{10}$?

I. How many $\frac{9}{10}$-quart pitchers can be filled with $\frac{2}{3}$ quart of water?

II. How many $\frac{2}{3}$-quart pitchers can be filled with $\frac{9}{10}$ quart of water?

How many $\frac{9}{10}$ fit in $\frac{2}{3}$

2. The Coffee Pub has cans of coffee that weigh $3\frac{1}{4}$ pounds each. The Pub has 8 cans of coffee left. What is the total weight of the cans?

$8 \cdot 3\frac{1}{4}$

$\frac{2}{\cancel{8}}{}^{2} \cdot \frac{13}{\cancel{4}_{1}} = \frac{26}{1} =$ 26 pounds

3. How many $\frac{1}{6}$ pound bag of trail mix can be made from $4\frac{2}{3}$ pounds of trail mix?

$4\frac{2}{3} \div \frac{1}{6}$

How many $\frac{1}{6}$ are in $4\frac{2}{3}$?

$\frac{14}{\cancel{3}_{1}} \cdot \frac{\cancel{6}^{2}}{1} = \frac{28}{1} =$ 28 bags

4. DJ Gabe is going to serve $\frac{1}{3}$ of a pizza to each guest at his party. If he expects 24 guests, how many pizza's will he need?

$\frac{1}{3} \cdot 24$

$\frac{1}{\cancel{3}_{1}} \cdot \frac{\cancel{24}^{8}}{1} =$ 8 pizzas