

Multiplying Fractions
Homework #1

Name _____
Date _____ Period _____

Model each of the following problems and write a number sentence to model your work.

<p>A. Robert made 5 gallons of fruit punch. If $\frac{1}{4}$ of the punch was cranberry juice, how much cranberry juice did he use?</p>	<p>B. A bottle of root beer contains $\frac{4}{5}$ of a liter. How much root beer is in 3 bottles?</p>
<p>C. A picture frame is $3\frac{1}{2}$ inches long and 5 inches wide. What is the area of the picture frame?</p>	<p>D. A plant grows at a rate of $\frac{1}{2}$ inch every week. How much will it have grown after 3 weeks?</p>

Multiplying Fractions
Homework #2

Name _____
Date _____ Period _____

Model each of the following problems and write a number sentence to model your work.

<p>A. Ms. Maples owns $\frac{4}{5}$ of a section of land in Austin. She wants to sell $\frac{2}{3}$ of her land to her neighbor. What fraction of section does she want to sell?</p>	<p>B. Ingrid uses balsa wood to build airplane models. After completing a model, she had a strip of balsa wood measuring $\frac{7}{8}$ of a yard left over. Daniel wants to buy half of the strip from Ingrid. What fraction of a yard does Daniel want to buy?</p>
<p>C. Roscoe had a pizza party, at the end of the party, there was $\frac{1}{2}$ of a pizza left over. If Roscoe had $\frac{3}{4}$ of what was leftover, how much of the pizza did he eat?</p>	<p>D. Melissa has a cake recipe that calls for $\frac{2}{3}$ cup of oil. Melissa decides to make a smaller cake than the recipe is made for. If she decides to make only half of the recipe, how much oil will Melissa need for her cake?</p>