

# Liquid Measurement and Fractions

## Home Link 8-10

NAME \_\_\_\_\_

DATE \_\_\_\_\_

TIME \_\_\_\_\_



Complete the “What’s My Rule?” tables and state the rules.

① Rule: \_\_\_\_\_

in (gallons)	out (pints)
2	16
$3\frac{1}{2}$	
	48
$7\frac{1}{4}$	
	80

② Rule: \_\_\_\_\_

in (quarts)	out (cups)
3	12
$4\frac{1}{2}$	
	32
$9\frac{3}{4}$	
$12\frac{1}{4}$	

Use this recipe for a Creamsicle Smoothie to solve the problems below.

$\frac{3}{4}$  cup orange juice      4 fluid ounces cold water      1 cup vanilla ice cream

Combine all ingredients.

③ a. Will this recipe fit in a glass that holds 24 fluid ounces? \_\_\_\_\_

Explain your thinking. \_\_\_\_\_

b. About how many more cup(s) of smoothie could fit in the glass? \_\_\_\_\_ cup(s)

c. Frank wants to triple the recipe. How much of each ingredient will he need?

\_\_\_\_\_ orange juice

\_\_\_\_\_ cold water

\_\_\_\_\_ vanilla ice cream

d. After tripling the recipe, how much smoothie will Frank have? \_\_\_\_\_ fluid ounces

## Practice

④  $3,560 \div 3 \rightarrow$  \_\_\_\_\_

⑤  $9,295 \div 5 \rightarrow$  \_\_\_\_\_

⑥  $7 \overline{)8,210}$

⑦  $9 \overline{)4,671}$