

## Fractional Fair Share Additional Practice

### Modeling and Solving Fair Share Number Stories

Home Link 3-1

NAME \_\_\_\_\_

DATE \_\_\_\_\_

TIME \_\_\_\_\_

Use a drawing to model each number story. Then solve.



- ① You are sharing 2 loaves of bread with 5 friends. You want each person to get a fair share. How much bread will each person get?

Model:

Solution: \_\_\_\_\_

- ② Betsy and 3 of her friends are splitting a whole watermelon. There are 6 circular slices of watermelon. How many slices of watermelon will each person get?

Model:

Solution: \_\_\_\_\_

- ③ Darius and Matthew have 3 fruit bars. They are both hungry after playing football and decide to split the fruit bars evenly. How much fruit bar will each boy get?

Model:

Solution: \_\_\_\_\_

## Fair Share Problems with Number Models

### Home Link 3-2

NAME \_\_\_\_\_

DATE \_\_\_\_\_

TIME \_\_\_\_\_

Solve each number story. Draw a picture and write a number model to show how you solved each problem.



- ① Mr. Chu is slicing 4 cantaloupes for his class. There are 24 students in the class. If Mr. Chu cuts the cantaloupes to make an equal portion for each student, how much of a whole cantaloupe will each student get?

\_\_\_\_\_ cantaloupe

Number model: \_\_\_\_\_

- ② Two classrooms are sharing 7 packages of unit cubes. If the packages are split evenly, how many packages will each classroom receive?

\_\_\_\_\_ packages

Number model: \_\_\_\_\_

- ③ Jane, Max, and Greg are splitting a 10-ounce bag of popcorn. If they share the popcorn equally, how many ounces of popcorn will each person get?

\_\_\_\_\_ ounces

Number model: \_\_\_\_\_

## Answer Key

### Modeling and Solving Fair Share Number Stories

Home Link 3-1		
NAME _____	DATE _____	TIME _____



Use a drawing to model each number story. Then solve.

- ① You are sharing 2 loaves of bread with 5 friends. You want each person to get a fair share. How much bread will each person get?

Solution:  $2 \div 5 = \frac{2}{5}$  of the  
loaves friends loaves

Model:



1 loaf

1 loaf

- ② Betsy and 3 of her friends are splitting a whole watermelon. There are 6 circular slices of watermelon. How many slices of watermelon will each person get?

Solution:  $6 \div 4 = \frac{6}{4}$  or  $1\frac{2}{4}$  or  $1\frac{1}{2}$   
slices friends

Model:



slices for each friend

- ③ Darius and Matthew have 3 fruit bars. They are both hungry after playing football and decide to split the fruit bars evenly. How much fruit bar will each boy get?

Solution:  $3 \div 2 = \frac{3}{2}$  or  $1\frac{1}{2}$   
fruit bars for each

Model:



fruit bar

fruit bar

fruit bar

# Fair Share Problems with Number Models

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Solve each number story. Draw a picture and write a number model for each problem.

- ① Mr. Chu is slicing 4 cantaloupes for his class. There are 24 students in the class. If Mr. Chu cuts the cantaloupes to make an equal portion for each student, how much of a whole cantaloupe will each student get?

$\frac{4}{24}$  cantaloupe

Number model:  $4 \div 24$   
cantaloupes students

- ② Two classrooms are sharing 7 packages of unit cubes. If the packages are split evenly, how many packages will each classroom receive?

$7 \div 2$  or  $3\frac{1}{2}$  packages

Number model:  $7 \div 2$   
packages classrooms

- ③ Jane, Max, and Greg are splitting a 10-ounce bag of popcorn. If they share the popcorn equally, how many ounces of popcorn will each person get?

$10 \div 3$  or  $3\frac{1}{3}$  ounces

Number model:  $10 \div 3$   
oz. of popcorn people