

NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Home Connection 26 ★ Activity



## NOTE TO FAMILIES

In this activity, you and your child will play a game to practice division with and without remainders. In class, we have been exploring a variety of ways to solve division problems, and your child will probably use strategies that are new to you. See if you can come up with some new ways yourself!

You'll need a pencil, paperclip, and markers, colored pencils, or crayons in two colors to play the game. Your child can show you how to use the pencil and paperclip as a spinner.

### Instructions for Remainders Win

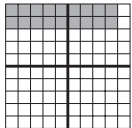
- 1** Take turns spinning one spinner to see who will go first. Write your names on the record sheet. Pick a different colored pencil, marker, or crayon each to circle arrays on the record sheets.
- 2** The first player circles an array with his or her color and finds the product.
- 3** The first player spins the spinner and divides the product by that number. He or she writes the division sentence in the first box on the record sheet.

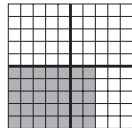
Home Connections  
 NAME Mayumi DATE \_\_\_\_\_  
 Home Connection 26 Activity (cont.)

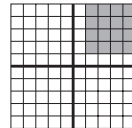
**Remainders Win Record Sheet** page 1 of 2

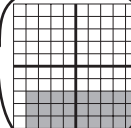
First Player Mayumi Second Player dad

$27 \div 6 = 4 R3$	
Remainder Total	Remainder Total

  
 $2 \times 9$

  
 $5 \times 7$

  
 $4 \times 4$

  
 $3 \times 9$

- 4** Player 2 repeats steps 2 and 3.
- 5** Take turns until each player has written 5 equations.
- 6** Both players add up their remainders. The player with the highest total wins.
- 7** Play a second round using the second record sheet.

