

Name \_\_\_\_\_

# Developing Fluency: Multiplying by 1-Digit Numbers

Dear Family,

Your child is learning how to multiply numbers by a 1-digit number and how to check an answer by using estimation. Here is a game you can do together.

## Roll to Multiply

**Materials:** 4 number cubes labeled 1–6, paper and pencil

**Step 1** Player 1 rolls the number cubes to generate four numbers from 1 to 6. For example: 3, 5, 6, and 1

**Step 2** Player 1 selects three numbers to use for a 3-digit number and one number to use for a 1-digit number to be multiplied together with the goal to make the largest number. For example:  
 $531 \times 6$

**Step 3** Player 1 multiplies the numbers using the paper and pencil. Player 2 checks the math. For example:

$$\begin{array}{r} 1 \\ 531 \\ \times 6 \\ \hline 3,186 \end{array}$$

**Step 4** Player 2 takes his or her turn. The player with the greatest product earns one point. The first player to reach five points is the winner.