

Center Activity 4.23 ★★

Multiplying by One-Digit Numbers

What You Need

- Recording Sheet



Check Understanding

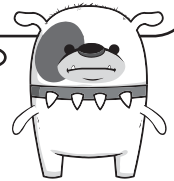
Multiply.

$$4,106 \times 7 = \underline{\hspace{2cm}}$$

What You Do

1. Take turns. Pick a problem on the **Recording Sheet**.
2. Multiply. Tell what method you used.
3. Your partner checks the answer, using a different method.
4. Continue until all the problems are solved.
5. Circle the smallest product from the problems you solved on the **Recording Sheet**. Your partner does the same with the problems he or she solved.
6. The player with the smallest product wins.

*Sometimes I use an area model to multiply.
Sometimes I use partial products.*



Go Further!

On a separate sheet of paper, work together to solve this problem: Carlos has collected 6 albums of baseball cards. His friend gives him 5 more cards. If each album has 245 cards, how many cards does Carlos have now?



Multiplying by One-Digit Numbers

$2,403 \times 6 =$ _____

$516 \times 4 =$ _____

$174 \times 8 =$ _____

$4,023 \times 5 =$ _____

$7,158 \times 2 =$ _____

$491 \times 3 =$ _____



Center Activity 4.24 ★★

Multiplying by Two-Digit Numbers

What You Need

- 7 game markers in one color
- 7 game markers in another color
- Recording Sheet and Game Board

What You Do

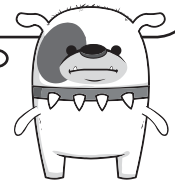
1. Take turns. Pick a problem on the **Recording Sheet**.
2. Find the product. Tell what method you used.
3. Your partner checks the answer, using a different method.
4. If you are correct, cover the product on the **Game Board** with your game marker. If you are incorrect, your turn ends.
5. The first person to get three in a row wins. If no one gets three in a row on the **Game Board**, players add the numbers under their game markers. The player with the greater sum wins.

Check Understanding

Multiply.

$$32 \times 24 = \underline{\hspace{2cm}}$$

*Sometimes I use an area model to multiply.
Sometimes I use partial products.*



Go Further!

Choose a problem on the **Recording Sheet** that you solved. Show two different ways to break apart the factors.



**Center Activity 4.24 ★★ Recording Sheet
Game Board and**

Partner A _____

Partner B _____

Multiplying by Two-Digit Numbers

$14 \times 36 =$ _____	$21 \times 23 =$ _____	$35 \times 16 =$ _____
$43 \times 22 =$ _____	$33 \times 17 =$ _____	$25 \times 32 =$ _____
$12 \times 44 =$ _____	$15 \times 34 =$ _____	$24 \times 13 =$ _____

312	528	946
800	510	483
560	504	561

