

# Practicing Multiplication Strategies

## Connecting Methods



### Self-Check: Question 1

Use the *Multiplication Strategies Menu for Larger Numbers* in the *Student Guide* Reference section to help you solve each problem.

1. Irma solved  $4 \times 539$  using rectangles.

500	30	9	
$4 \times 500 = 2000$	$4 \times 30 = 120$	$4 \times 9 = 36$	$\begin{array}{r} 2000 \\ 120 \\ + 36 \\ \hline 2156 \end{array}$

- A. Use her rectangles to fill in the blanks for the same problem using expanded form.

$$\begin{array}{r} 539 \\ \times 4 \\ \hline \end{array} = 500 + \boxed{\phantom{000}} + 9$$




$$\boxed{\phantom{0000}} + 120 + \boxed{\phantom{00}} = 2156$$

- B. Write a number sentence to show how Irma broke apart 539.

Number sentence: \_\_\_\_\_

- C. What numbers did Irma multiply in both problems to get 2000?

Use the *Self-Check Questions* and the menu to check your progress and choose practice with using multiplication methods.

Workshop Menu			
	▲ Working On It!	● Getting It!	■ Got It!
<b>Can I Do This?</b>	 I could use some extra help.	 I just need some more practice.	 I'm ready for a challenge.
Show that I understand multiplication methods. Make connections between methods.	<b>Questions 2, 4-6, 9, 12</b>	<b>Questions 2, 4, 6-10, 12</b>	<b>Questions 3, 4, 7-12</b>