

## Part 7 Connect Multiplication Strategies

Finish each problem using the strategy that was started. Use the *Multidigit Multiplication Strategies Menu* in the *Student Guide* Reference section.

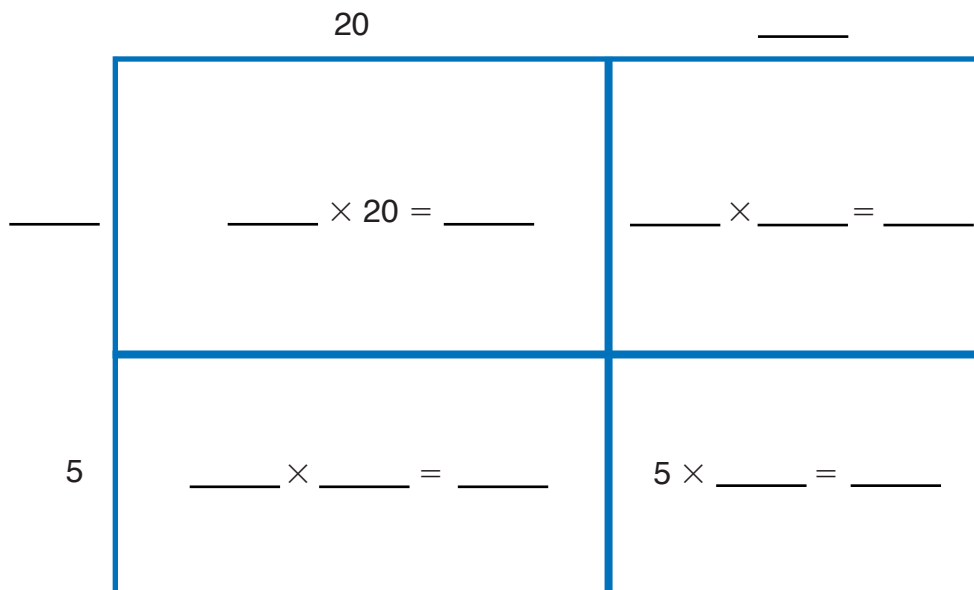
1. Grace and Maya needed to solve  $45 \times 28$ .

A. Grace started the problem this way. Finish it using her method.

$$\begin{array}{r} 28 \\ \times 45 \\ \hline 800 \\ 320 \end{array}$$

B. Show where Grace got 800 and 320.

2. A. Maya used rectangles to solve the same problem. She started this way. Fill in the blanks and complete the problem.

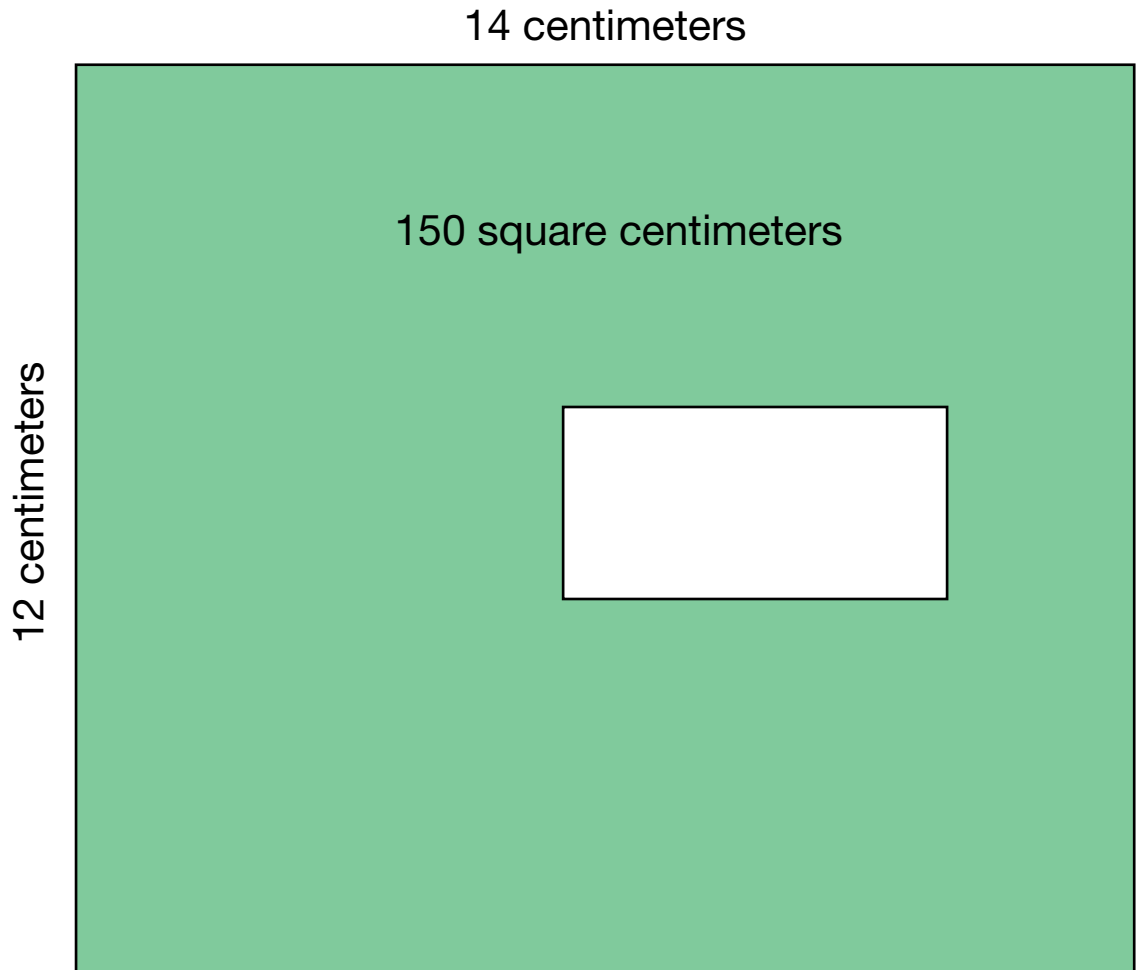


$45 \times 28 =$

B. Compare Grace's and Maya's methods. How are they alike? How are they different?

**Part 8 Find The Area**

The area of the shaded part is 150 square centimeters. The length of the hole is twice as long as the width of the hole.



- A. Find the area of the large rectangle.
- B. Find the area of the hole.
- C. Find the length and width of the hole.
- D. Show or tell how you found the answer to Question C.