

# Multiplying Multi-Digit Numbers

NCTM Standards 1, 2, 6, 7, 8, 9, 10

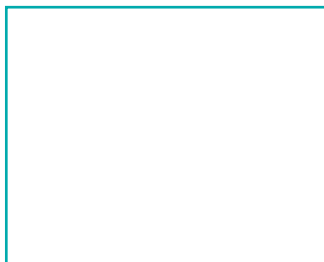
Complete the multiplication sentences. You may split and complete an area model or complete a puzzle.

1  $42 \times 29 = \underline{\hspace{2cm}}$



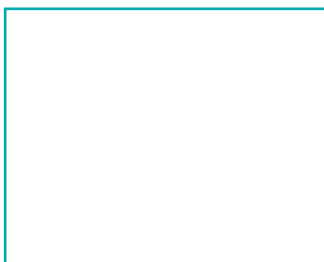
×			42
	29		

2  $38 \times 55 = \underline{\hspace{2cm}}$



×			38
	55		

3  $76 \times 46 = \underline{\hspace{2cm}}$



×			76
	46		

**Make up your own 2-digit by 2-digit multiplication sentences.  
Split and complete area models as checks.**

- 4** The product is between 3,000 and 5,000.  
Neither factor has a zero in the ones place.


$$\boxed{5} \boxed{2} \times \boxed{\phantom{0}} \boxed{\phantom{0}} = \boxed{\phantom{000}}$$



- 5** The product is between 4,000 and 7,000.  
Neither factor has a zero in the ones place.

$$\boxed{\phantom{0}} \boxed{\phantom{0}} \times \boxed{\phantom{0}} \boxed{\phantom{0}} = \boxed{\phantom{000}}$$



-  **6** Tyler's goal is to read between 500 and 750 pages in January. There are 31 days in January. How many pages could he read each day and meet this goal?  
Explain how you found your answer.

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- 7 Challenge** Make up your own 3-digit by 2-digit multiplication sentence. Split and complete an area model as a check.

The product is between 6,000 and 12,000.  
Neither factor has a zero in the ones place.

$$\boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}} \times \boxed{\phantom{0}} \boxed{\phantom{0}} = \boxed{\phantom{000}}$$

