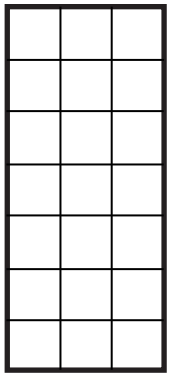
Name _____ Date _____

Writing Number Sentences for Break-Apart Products

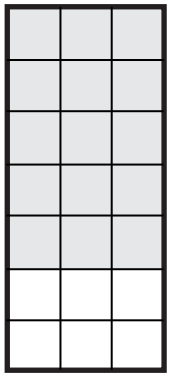
1. A. How many rows and columns does the rectangle to the right have?



Rows: _____ Columns: _____

B. Write a number sentence for the total number of squares.

2. A. Write a number sentence on the shaded part of the rectangle at the right to show the number of shaded squares.



B. Write a number sentence on the unshaded part to show the number of unshaded squares.

C. Complete these number sentences using the rectangle for Question 2:

$7 \times 3 = (5 \times 3) + (2 \times 3)$

$7 \times 3 =$ _____ + _____

$7 \times 3 =$ _____

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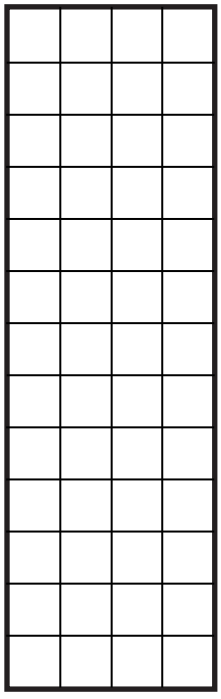
3. A. Shade in the first 10 rows of the rectangle on the right. Write a number sentence on the shaded part to show the total number of shaded squares.



B. Write a number sentence on the unshaded part to show the total number of unshaded squares.

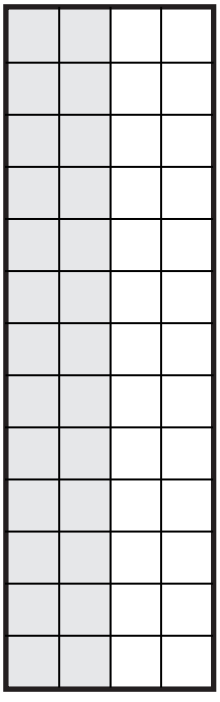
C. Complete the number sentences below to match the rectangle:

$13 \times 4 = (\_\_\_\_ \times 4) + (\_\_\_\_ \times 4)$

$13 \times 4 = \_\_\_\_ + \_\_\_\_$

$13 \times 4 = \_\_\_\_$

4. A. The first two columns of the rectangle on the right are shaded. Write a number sentence to show the number of shaded squares.



B. Write a number sentence to show the number of unshaded squares.

C. Complete the following number sentences to match the rectangle.

$13 \times 4 = (\_\_\_\_ \times 2) + (\_\_\_\_ \times \_\_\_\_)$

$13 \times 4 = \_\_\_\_ + \_\_\_\_$

$13 \times 4 = \_\_\_\_$