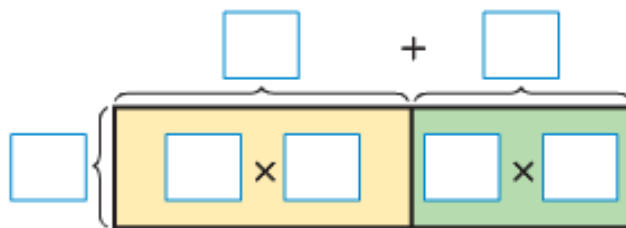
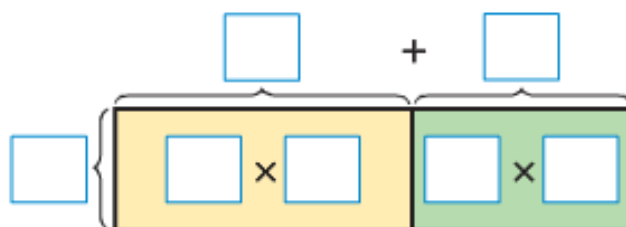


**Solve the following problems using the partial product method & check with algorithm.**

1.  $7 \times 29 = \underline{\hspace{2cm}}$



2.  $5 \times 39 = \underline{\hspace{2cm}}$



**Find each product mentally using the Distributive Property. Show the steps that you used. Check with the standard algorithm.**

3.  $2 \times 49 = \underline{\hspace{2cm}}$

$\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} + \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$   
 $\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

4.  $7 \times 23 = \underline{\hspace{2cm}}$

$\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} + \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$   
 $\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

5.  $26 \times 6 = \underline{\hspace{2cm}}$

$\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} + \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$   
 $\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

6.  $55 \times 4 = \underline{\hspace{2cm}}$

$\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} + \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$   
 $\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

Solve with the standard algorithm.

$$\begin{array}{r} 7. \quad 21 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 32 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 52 \\ \times 9 \\ \hline \end{array}$$

10.  $211 \times 7 =$  \_\_\_\_\_

11.  $182 \times 6 =$  \_\_\_\_\_

12.  $806 \times 7 =$  \_\_\_\_\_




## Problem Solving

13. A bookshelf in Deirdre's living room has 4 shelves. There are 12 books on each shelf. How many books are on the bookshelf altogether?

\_\_\_\_\_

14. Jorge is collecting baseball cards. He has 29 stacks of cards with 4 in each stack. How many cards does he have altogether?

\_\_\_\_\_

15. **Mathematical PRACTICE**  **Justify Conclusions** The Distributive Property also combines subtraction and multiplication. For example,  $3 \times (5 - 2) = (3 \times 5) - (3 \times 2)$ . Explain how you could use the Distributive Property and mental math to find  $5 \times 198$ .

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I love to read!

