

Name: _____

Date: _____

Distributive Property Drawings

The **distributive property** is a tool to make multiplication with larger numbers easier.

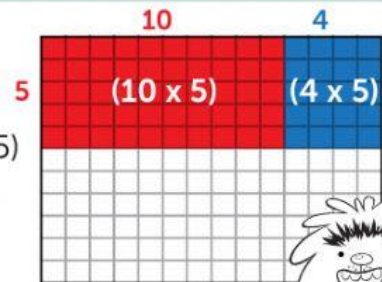
To use the distributive property:

Break one factor into two addends, multiply both addends by the other factor, and add together both products.

Use a visual, such as an area model to demonstrate.

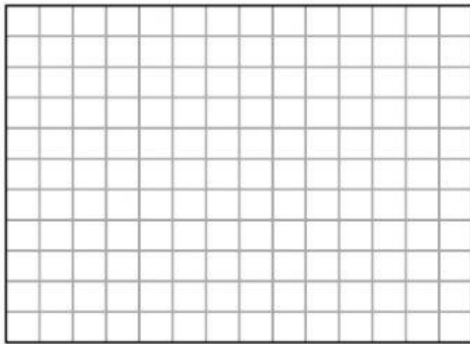
Break up the bigger number into two addends

$$\begin{aligned} &14 \times 5 \\ &\rightarrow (10 + 4) \times 5 \\ &(10 \times 5) + (4 \times 5) \\ &50 + 20 = 70 \\ &14 \times 5 = 70 \end{aligned}$$

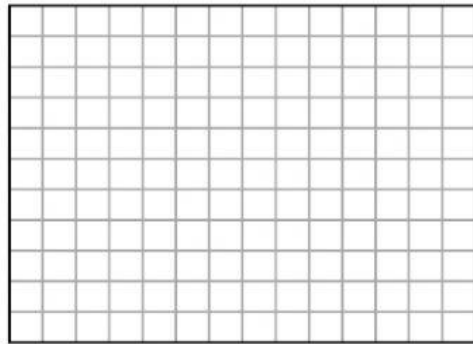


Directions: Solve each problem using the distributive property. Draw and label an area model. Write your answer on the line.

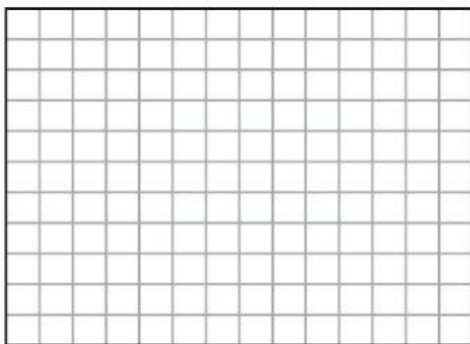
1. $14 \times 6 =$ _____



2. $5 \times 12 =$ _____



3. $3 \times 13 =$ _____



4. $4 \times 14 =$ _____

