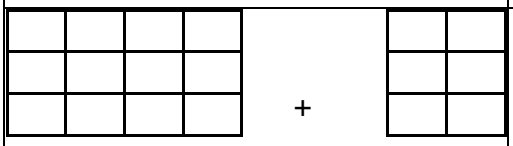
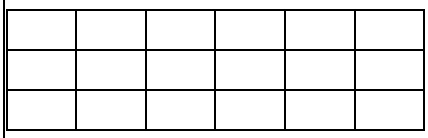
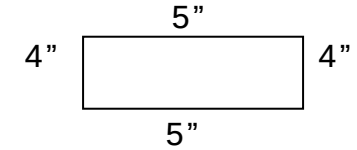
Distributive Property Examples Date_____ Name_____

Example	My own example	My words
1. $3(20 + 4) = 3 \cdot 20 + 3 \cdot 4$ $3\ (24) = 60 + 12$ $72 = 72$		Use these words: parentheses, distribute, terms To _____ means to multiply both _____ in parentheses by the same factor. The factor is outside the _____.
2. $\begin{array}{r} 37 \\ \times\ 5 \\ \hline 35 \\ 150 \\ \hline 185 \end{array}$ = $5(30 + 7)$ $5 \cdot 30 + 5 \cdot 7$ $150 + 35$ 185		Use these words: multiplying, property, factor I can apply the distributive _____ when I am _____ each number by the same _____.
 3 x 4 + 3 x 2 = 12 + 6 = 18  **OR** $= 3(4 + 2)$ $= 3(6)$ $= 18$		Use these words: rows, add, factor, distributive property, multiply Since both tables have 3 _____, we can _____ the columns in both tables, then _____ that sum by 3. This is an example of the _____ _____.
 5” 4” 4” 5” $P = 2l + 2w$ or $P = 2(l + w)$ $P = 2 \times 4 + 2 \times 5$ $P = 2(4 + 5)$ $P = 2(9)$ $P = 18$”		Use these words: length, width, perimeter, distribute, factor Since the formula for _____ asks for 2 times the _____ added to 2 times the _____, we can _____ a common _____ of 2 to find perimeter.