

# Multiplication

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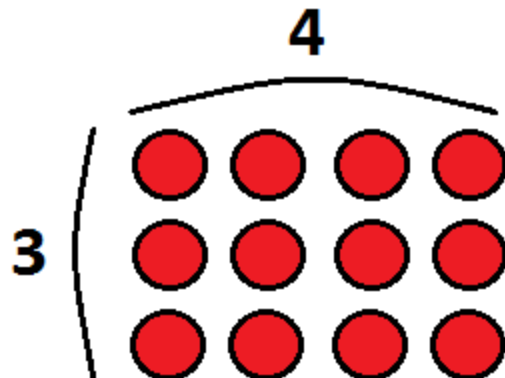
Connecting repeated addition

$$3 + 3 + 3 + 3$$

...to multiplication

$$3 + 3 + 3 + 3 = 3 \times 4$$

...to arrays



# Partial Products

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$$\begin{array}{r} 23 \\ \times 12 \\ \hline 6 \\ 40 \\ 30 \\ 200 \\ \hline 276 \end{array}$$

12

23

