Multiplication with Arrays

You can find the answer to basic multiplication facts by making a symbol picture called an array.

An array is a group of symbols arranged in straight rows and columns.

\[
\begin{align*}
\times \times \times \times \times \times \\
\times \times \times \times \times \times \\
\times \times \times \times \times \times 
\end{align*}
\]

3 rows of 7 symbols equals 21 symbols.

3 \times 7 = 21

Draw an array to find the answer to each multiplication fact below. Be sure you draw your symbols in neat, straight rows and columns.

\[
\begin{align*}
4 \times 5 &= \_\_\_\_\_ \\
6 \times 4 &= \_\_\_\_\_ \\
5 \times 8 &= \_\_\_\_\_ \\
7 \times 4 &= \_\_\_\_\_ \\
4 \times 9 &= \_\_\_\_\_ \\
5 \times 5 &= \_\_\_\_\_ 
\end{align*}
\]

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\[3 \times 7 = 21\]

Draw an array to find the answer to each multiplication fact below. Be sure you draw your symbols in neat, straight rows and columns.

\[4 \times 5 = \boxed{20}\]

\[6 \times 4 = \boxed{24}\]

\[5 \times 8 = \boxed{40}\]

\[7 \times 4 = \boxed{28}\]

\[4 \times 9 = \boxed{36}\]

\[5 \times 5 = \boxed{25}\]