

Name: _____

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.

$\begin{array}{ccccccc} \times & \times & \times & \times & \times & \times & \times \\ \times & \times & \times & \times & \times & \times & \times \\ \times & \times & \times & \times & \times & \times & \times \end{array}$ 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.

$4 \times 5 = \underline{\hspace{2cm}}$

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

$3 \times 8 = \underline{\hspace{2cm}}$

$3 \times 9 = \underline{\hspace{2cm}}$

$5 \times 8 = \underline{\hspace{2cm}}$

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

$4 \times 9 = \underline{\hspace{2cm}}$

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