Name: _____

Multiplication with Arrays

When you multiply, think of the multiplication symbol as having the meaning "rows of."

The fact 3 x 6 would actually mean "3 rows of 6"

To solve this fact, draw 3 rows of 6 symbols.

```
x x x x x x
x x x x x x      3 rows of 6 symbols equals 18 symbols.
x x x x x x      3 x 6 = 18
```

Symbols arranged in neat rows and columns are called arrays.

Look at each array. Count the symbols in each row and column carefully.
Write the multiplication fact for each.

1. O O O O O O O O
    O O O O O O O O   _____ rows of _____ equals _____
    O O O O O O O O
    O O O O O O O O   _____ x _____ = _____

2. | | | | | | | | | |

    ◆ ◆ ◆ ◆
    ◆ ◆ ◆ ◆   _____ x _____ = _____

Now try this: On the back of this paper, draw an array for each of these facts:

7 x 4   **8 x 3**   **9 x 6**   **3 x 7**   **8 x 5**

ANSWER KEY

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~PREVIEW~

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