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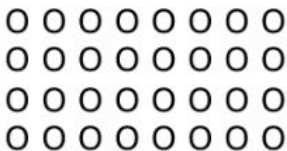
x x x x x x
x x x x x x          3 rows of 6 symbols equals 18 symbols.
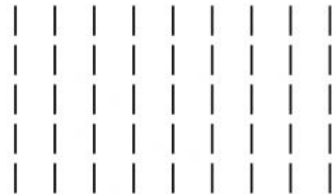x x x x x x          3 x 6 = 18

Symbols arranged in neat rows and columns are called arrays.

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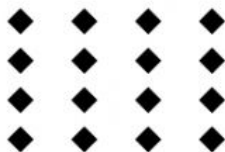Write the multiplication fact for each.

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

2.  | | | | | | | | |
    | | | | | | | | |
    | | | | | | | | |      _____ rows of _____ equals _____
    | | | | | | | | |
    | | | | | | | | |      _____ x _____ = _____

3.  ◆ ◆ ◆ ◆
    ◆ ◆ ◆ ◆               _____ rows of _____ equals _____
    ◆ ◆ ◆ ◆
    ◆ ◆ ◆ ◆               _____ x _____ = _____