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
x x x x x x
```

3 rows of 6 symbols equals 18 symbols.
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
O O O O O O O O
O O O O O O O O
```

_____ rows of _____ equals _____

_____ x _____ = _____

2.

```
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
```

_____ rows of _____ equals _____

_____ x _____ = _____

3.

◆ ◆ ◆ ◆
◆ ◆ ◆ ◆
◆ ◆ ◆ ◆
◆ ◆ ◆ ◆

_____ rows of _____ equals _____

_____ x _____ = _____

LIVEWORKSHEETS