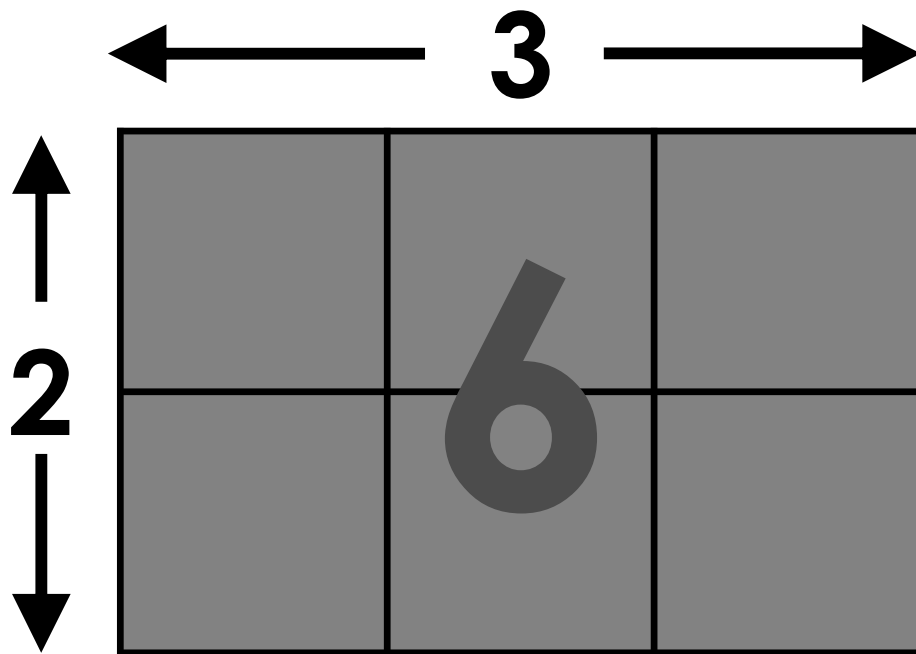# MULTIPLICATION
RECTANGULAR ARRAY

An arrangement of objects into equal rows and columns that form a rectangle.

EXAMPLE

The model shows that 2 × 3 = 6

$$\underline{2}_{\text{(\# of groups)}} \times \underline{3}_{\text{(\# of objects in each group)}} = \underline{6}_{\text{(Total number of Items)}}$$
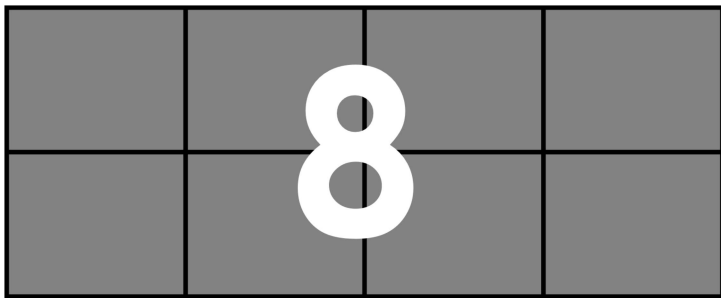
MULTIPLICATION
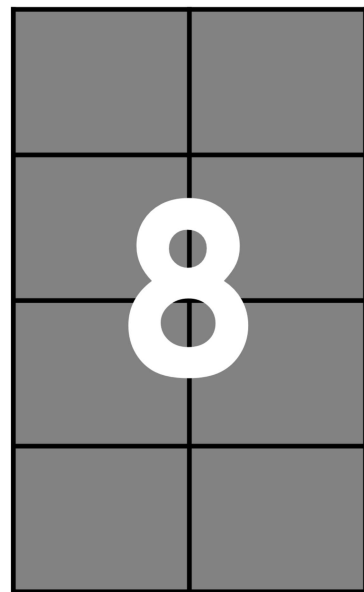## COMMUTATIVE PROPERTY

When multiplying numbers, reversing the order of the factors does <u>not</u> change the product.

EXAMPLE

Both 2 × 4 and 4 × 2 have the same factors and the product is 8.

$$2 \times 4 = 8$$

$$4 \times 2 = 8$$