

Multiplication Concept Builder 3.1

$$5 \times 3 = 15$$

Groups of "Things" TOTAL

Draw the **FACT**. Cross out extra groups. For the "things" in each group, draw ✓, ☺, ♥, etc.

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_____ + _____ + _____ + _____ + _____ + _____ + _____ + _____ + _____

Multiplication is **REPEATED ADDITION!**



Rewrite the fact:

○ × ○ = □

Write the **COMMUTATIVE**:

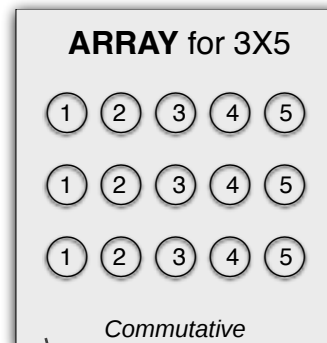
○ × ○ = □

Draw the **COMMUTATIVE**. Cross out extra groups. For the "things" in each group, draw ✓, ☺, ♥, etc.

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_____ + _____ + _____ + _____ + _____ + _____ + _____ + _____ + _____

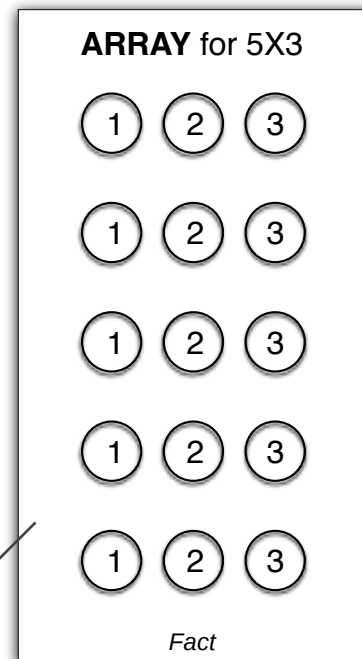
Below are the **ARRAYS** for the fact and commutative. Record the factors: the number of groups (rows) and "things" (circles per row). Then write the product (total). The commutative has been done for you.



$$\frac{3}{\text{Groups (Rows)}} \times \frac{5}{\text{of "Things" (Circles)}} = \frac{15}{\text{Product Total}}$$

$$\frac{\quad}{\text{Groups (Rows)}} \times \frac{\quad}{\text{of "Things" (Circles)}} = \frac{\quad}{\text{Product Total}}$$

Your Turn!



Create a **FACT FAMILY**. Write the **FACTORS** in the circles. Write the **PRODUCT** in the boxes.

○ × ○ = □ □ ÷ ○ = ○

○ × ○ = □ □ ÷ ○ = ○