

Multiplication Concept Builder 2.3

$$2 \times 7 = 14$$

Groups of "Things" TOTAL

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| _ | + | _ | + | _ | + | _ | + | _ | + |

Multiplication is **REPEATED ADDITION!**



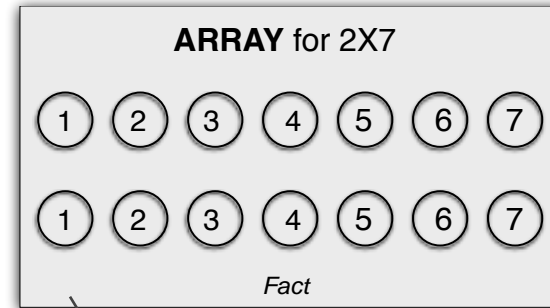
Rewrite the fact: $\bigcirc \times \bigcirc = \square$

Write the **COMMUTATIVE**: $\bigcirc \times \bigcirc = \square$

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| _ | + | _ | + | _ | + | _ | + | _ | + |

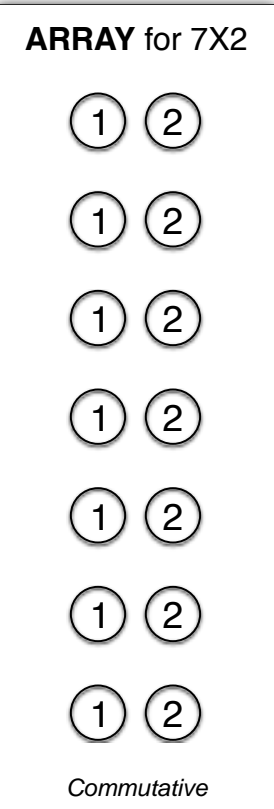
Below are the **ARRAYS** for the fact and commutative. Record the factors: the number of groups (rows) and "things" (circles per row). Then write the product (total). The fact has been done for you.



$$\frac{2}{\text{Groups of "Things" (Rows of Circles)}} \times \frac{7}{\text{"Things" (Circles)}} = \frac{14}{\text{Product Total}}$$

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

Your Turn!



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

$\bigcirc \times \bigcirc = \square$ $\square \div \bigcirc = \bigcirc$
 $\bigcirc \times \bigcirc = \square$ $\square \div \bigcirc = \bigcirc$