

# Multiplication Concept Builder 9.2

$$4 \times 7 = 28$$

Groups of "Things" TOTAL

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

--	--	--	--	--	--	--	--	--

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_

Multiplication is **REPEATED ADDITION!**



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

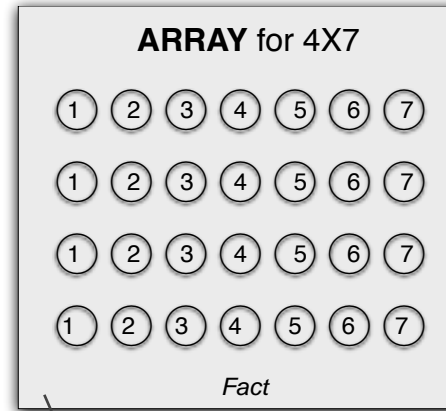
Write the **COMMUTATIVE**:  $\bigcirc \times \bigcirc = \square$

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

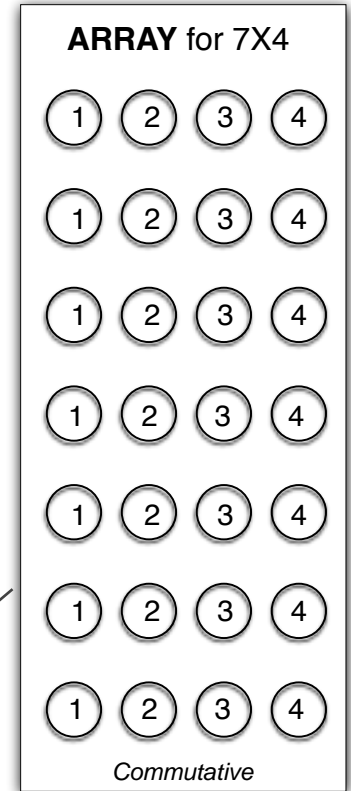
--	--	--	--	--	--	--	--	--

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_

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.



Your Turn!



$$\frac{4}{\text{Groups of "Things" (Rows of Circles)}} \times \frac{7}{\text{"Things" (Circles per Row)}} = \frac{28}{\text{Product Total}}$$

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

Write the fact here.

Write the commutative here.

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

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