

Free Samples: Go to Lesson 6!

Multiplication Concept Builder 2.2

$$2 \times 4 = 8$$

Groups of "Things" TOTAL

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.

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

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

Multiplication is **REPEATED ADDITION!**



Rewrite the fact:

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

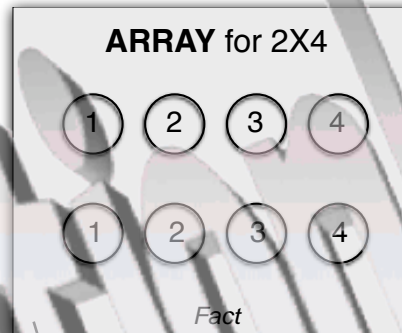
Write the **COMMUTATIVE**:

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

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

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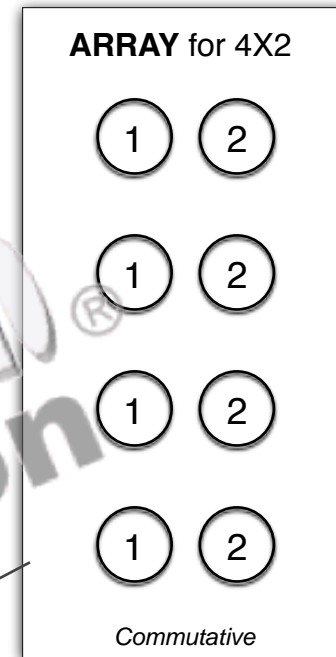
_____ + _____ + _____ + _____ + _____ + _____ + _____ + _____ + _____ + _____



$$\begin{array}{r} 2 \times 4 = 8 \\ \hline \text{Groups of "Things"} \quad \text{Product} \\ \text{(Rows of Circles)} \quad \text{Total} \end{array}$$

$$\begin{array}{r} \times \\ \hline \text{Groups of "Things"} \quad \text{Product} \\ \text{(Rows of Circles)} \quad \text{Total} \end{array}$$

Your Turn!



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

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

Write the fact here.

Write the commutative here.