

# Free Samples: Go to Lesson 6!

## Multiplication Concept Builder 7.2

$$7 \times 3 = 21$$

Groups of "Things" TOTAL

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

**ARRAY for 3X7**

1	2	3	4	5	6	7
1	2	3	4	5	6	7
1	2	3	4	5	6	7

*Commutative*

$$\begin{array}{r} 3 \times 7 = 21 \\ \text{Groups of "Things"} \quad \text{Product} \\ \text{(Rows of Circles)} \quad \text{Total} \end{array}$$

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

Your Turn!

**ARRAY for 7X3**

1	2	3
1	2	3
1	2	3
1	2	3
1	2	3
1	2	3
1	2	3

*Fact*

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

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