

Multiplication Concept Builder 2.2

$$2 \times 4 = 8$$

Groups of "Things" TOTAL

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

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

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

ARRAY for 2X4

| | | | |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 1 | 2 | 3 | 4 |

Fact

Your Turn!

ARRAY for 4X2

| | |
|---|---|
| 1 | 2 |
| 1 | 2 |
| 1 | 2 |
| 1 | 2 |

Commutative

$$\frac{2}{\text{Groups of "Things" (Rows of Circles)}} \times \frac{4}{\text{Product Total}} = \frac{8}{\text{Product Total}}$$

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

Write the fact here.

Write the commutative here.

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

| | |
|--------------------------------------|------------------------------------|
| $\bigcirc \times \bigcirc = \square$ | $\square \div \bigcirc = \bigcirc$ |
| $\bigcirc \times \bigcirc = \square$ | $\square \div \bigcirc = \bigcirc$ |

Multiplication Concept Builder 2.1

$$2 \times 3 = 6$$

Groups of "Things" TOTAL

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

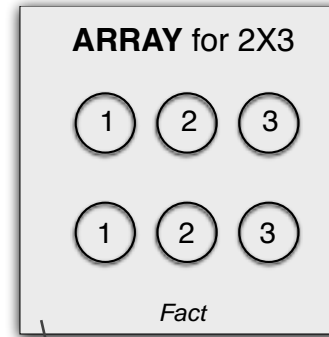
Write the **COMMUTATIVE**: $\bigcirc \times \bigcirc = \square$

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

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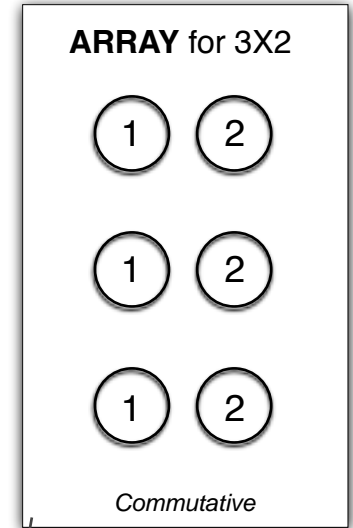
_____ + _____ + _____ + _____ + _____ + _____ + _____ + _____ + _____

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



$$\frac{2}{\text{Groups of "Things" (Rows of Circles)}} \times \frac{3}{\text{"Things" (Circles)}} = \frac{6}{\text{Product Total}}$$

Your Turn!



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

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

Write the fact here. $\bigcirc \times \bigcirc = \square$ $\square \div \bigcirc = \bigcirc$

Write the commutative here. $\bigcirc \times \bigcirc = \square$ $\square \div \bigcirc = \bigcirc$

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.

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

Multiplication is **REPEATED ADDITION!**



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

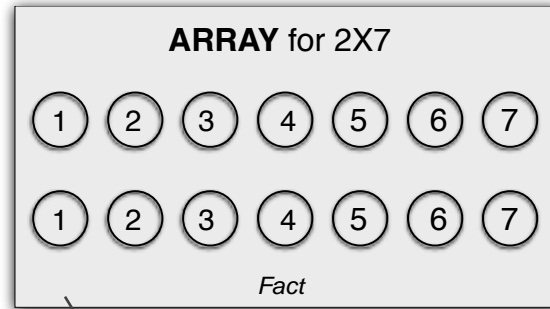
Write the **COMMUTATIVE**: $\bigcirc \times \bigcirc = \square$

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

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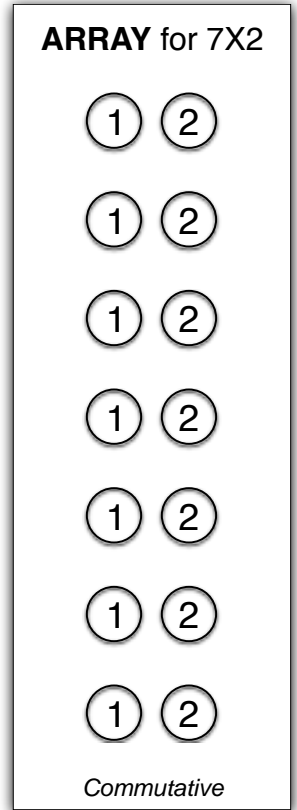
_____ + _____ + _____ + _____ + _____ + _____ + _____ + _____ + _____

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.



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

Your Turn!



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

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

Write the fact here. $\bigcirc \times \bigcirc = \square$ $\square \div \bigcirc = \bigcirc$

Write the commutative here. $\bigcirc \times \bigcirc = \square$ $\square \div \bigcirc = \bigcirc$