

CONCEPT BUILDER

Name: _____

Multiplication Concept Builder 6.1

✓ Use with Lesson 6: Fun Facts 1

7 X 6 = 42
 Groups of "Things" TOTAL

Draw the **FACT**. Cross out extra groups. For the "things" in each group, draw ✓, 😊, ♥, etc.

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

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

Multiplication is **REPEATED ADDITION!**

Rewrite the fact: X =

Write the **COMMUTATIVE**: X =

Draw the **COMMUTATIVE**. Cross out extra groups. For the "things" in each group, draw ✓, 😊, ♥, etc.

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

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

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

ARRAY for 6X7

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

Commutative

$\frac{6}{\text{Groups of "Things" (Rows of Circles)}} \times \frac{7}{\text{Product Total}} = \frac{42}{\text{Product Total}}$

ARRAY for 7X6

Your Turn!

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

Fact

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

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

○	X	○	=		□	÷	○	=	○
○	X	○	=		□	÷	○	=	○

CONCEPT BUILDER

Name: _____

Multiplication Concept Builder 6.2

✓ Use with Lesson 6: Fun Facts 1

3 X 4 = 12
 Groups of "Things" TOTAL

Draw the **FACT**. Cross out extra groups. For the "things" in each group, draw ✓, 😊, ♥, etc.

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

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

Multiplication is **REPEATED ADDITION!**

Rewrite the fact: X =

Write the **COMMUTATIVE**: X =

Draw the **COMMUTATIVE**. Cross out extra groups. For the "things" in each group, draw ✓, 😊, ♥, etc.

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

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

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

ARRAY for 3X4

1	2	3	4
1	2	3	4
1	2	3	4

Fact

Your Turn!

ARRAY for 4X3

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

Commutative

3 X 4 = 12
 Groups of "Things" Product
 (Rows of Circles) Total

_____ X _____ = _____
 Groups of "Things" Product
 (Rows of Circles) Total

Create a **FACT FAMILY**:

Write the **FACTORS** in the circles and the **PRODUCT** in the boxes.

○	X	○	=		□	÷	○	=	
○	X	○	=		□	÷	○	=	

CONCEPT BUILDER

Name: _____

Multiplication Concept Builder 6.3

✓ Use with Lesson 6: Fun Facts 1

7 X 8 = 56
 Groups of "Things" TOTAL

Draw the **FACT**. Cross out extra groups. For the "things" in each group, draw ✓, 😊, ♥, etc.

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

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

Multiplication is **REPEATED ADDITION!**



Rewrite the fact: X =

Write the **COMMUTATIVE**: X =

Draw the **COMMUTATIVE**. Cross out extra groups. For the "things" in each group, draw ✓, 😊, ♥, etc.

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

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

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

ARRAY for 8X7

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

Commutative

$8 \times 7 = 56$
Groups of "Things" Product
(Rows of Circles) Total

ARRAY for 7X8

Your Turn!

1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8

Fact

_____ X _____ = _____
Groups of "Things" Product
(Rows of Circles) Total

Create a **FACT FAMILY**:

Write the **FACTORS** in the circles and the **PRODUCT** in the boxes.

○	X	○	=		÷	○	=	
○	X	○	=		÷	○	=	