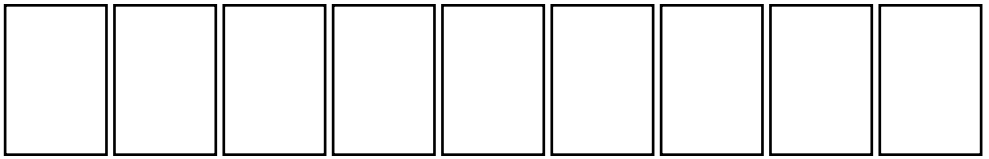
Multiplication Concept Builder 5.2

6	x	6	=	36
Groups	of	"Things"		TOTAL

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



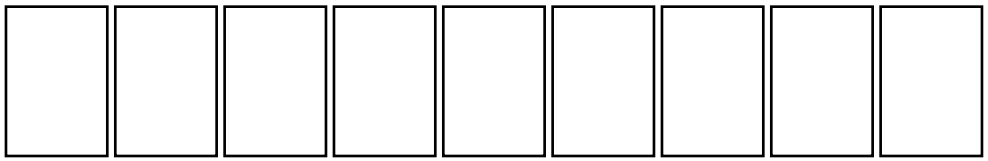
____ +____+ ____+____ +____+____+____+____ +____

Multiplication is **REPEATED ADDITION**!

Rewrite the fact: _____ X _____ = _____

Write the **COMMUTATIVE**: _____ X _____ = _____

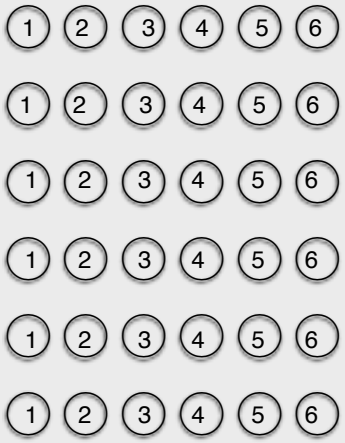
Draw the **COMMUTATIVE**. Cross out extra groups. For the "things" in each group, draw ✓, ☺, ♥, etc.



____ +____+ ____+____ +____+____+____+____ +____

Below are the **ARRAYS** for the fact and commutative. Record the 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 6X6

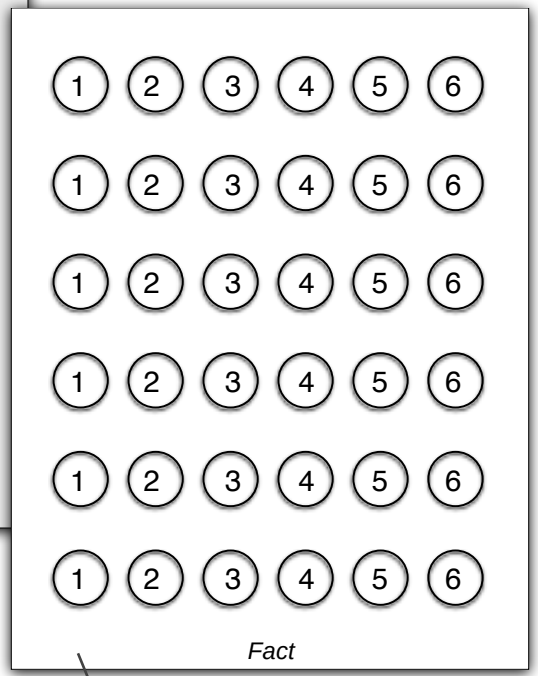


Commutative

6 X 6 = 36

Groups of "Things" (*Rows of Circles*) — Product *Total*

Your Turn!



Fact

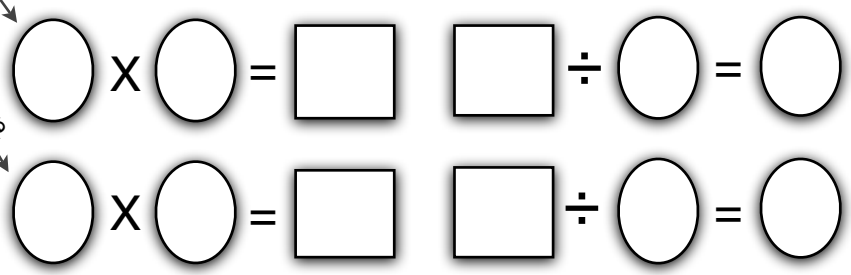
_____ X _____ = _____

Groups of "Things" (*Rows of Circles*) — 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.



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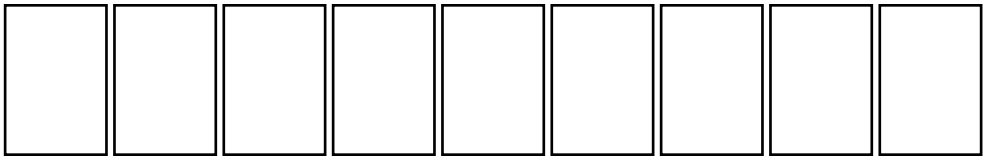
Multiplication Concept Builder 5.1

6	x	4	=	24
Groups	of	"Things"		TOTAL

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



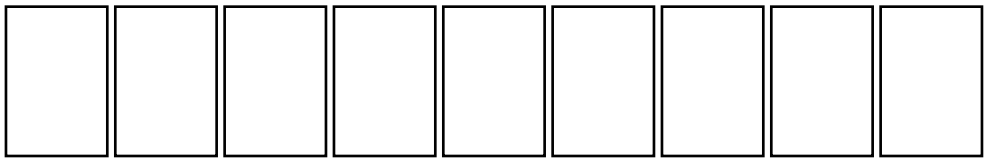
____ +____+ ____+____ +____+____+____+____ +____

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 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 4X6

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

Commutative

4 x 6 = 24

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

Your Turn!

ARRAY for 6X4

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

Fact

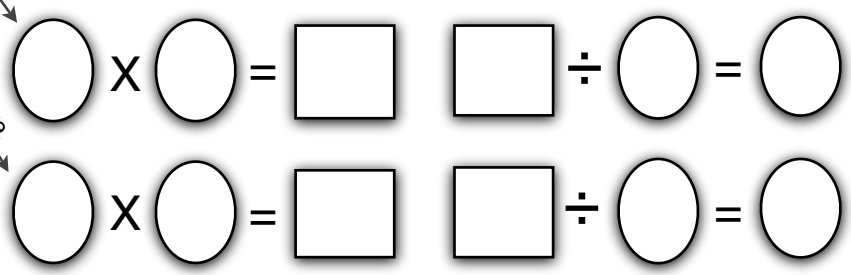
_____ X _____ = _____

Groups of "Things" = Product
(Rows of Circles) 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.



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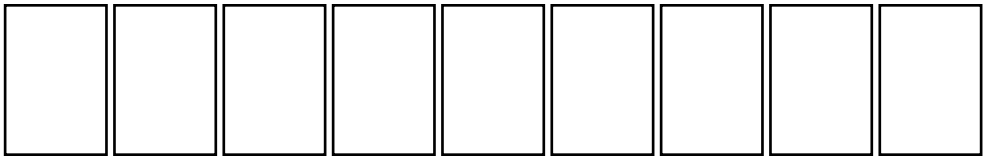
Multiplication Concept Builder 5.3

6	x	8	=	48
Groups	of	"Things"		TOTAL

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



____ +____+ ____+____ +____+____+____+____ +____

Multiplication is **REPEATED ADDITION**!

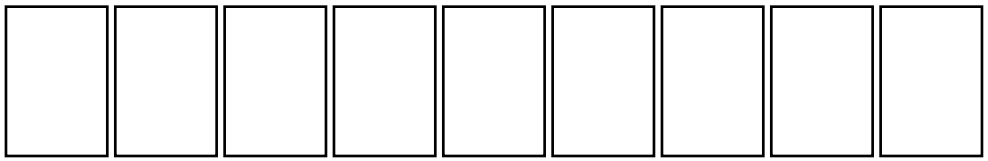
Rewrite the fact: ____ X ____ = ____

Write the **COMMUTATIVE**: ____ X ____ = ____

Write the fact here.

Write the commutative here.

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

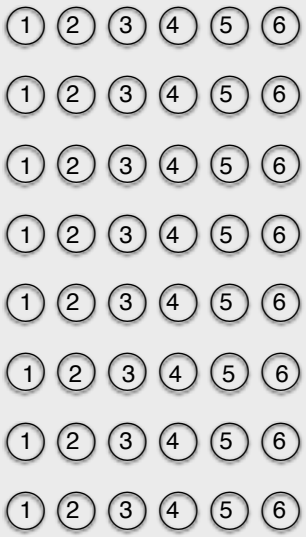


____ +____+ ____+____ +____+____+____+____ +____

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

Your Turn!

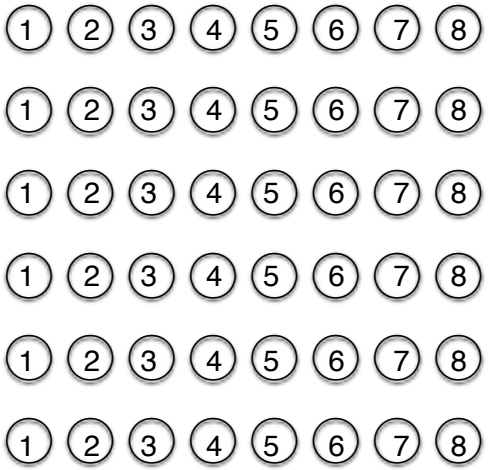
ARRAY for 8X6



Commutative

8 Groups (*Rows*) of 6 "Things" (*Circles*) = 48 Product (*Total*)

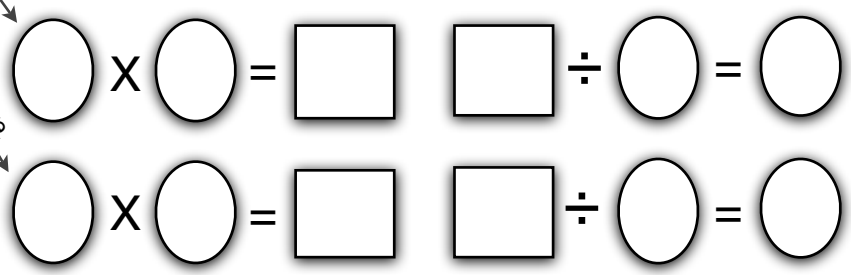
ARRAY for 6X8



Fact

____ Groups (*Rows*) of ____ "Things" (*Circles*) = ____ Product (*Total*)

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



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