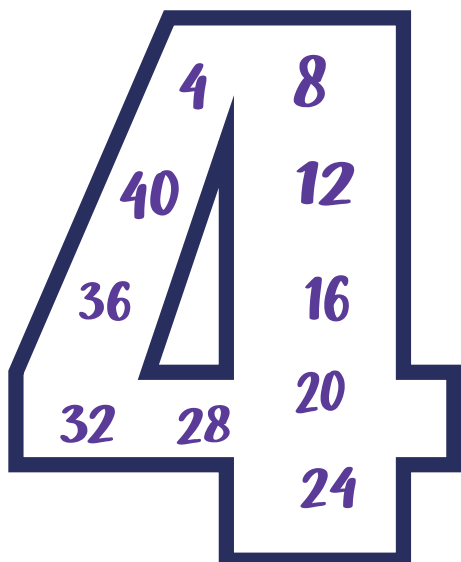


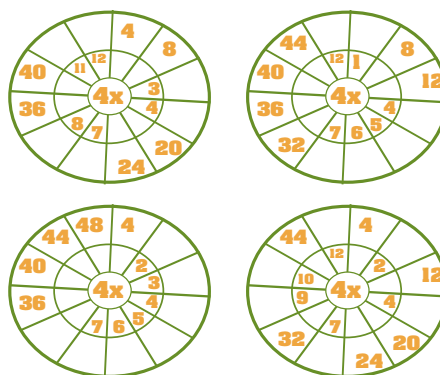
MULTIPLYING by 4

WORK BOOKLET ANSWER KEY

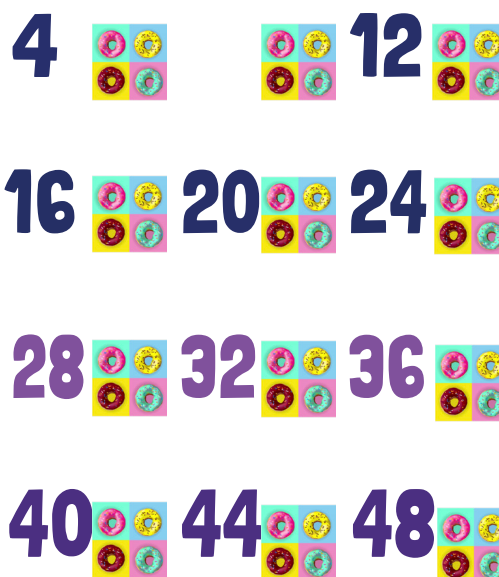
MULTIPLES OF 4



MULTIPLICATION WHEELS

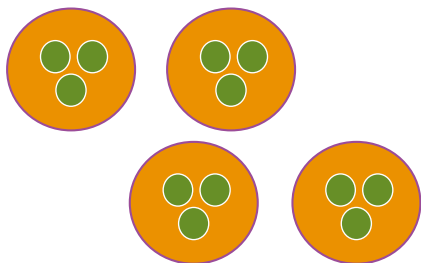


MULTIPLES OF FOUR



$$4 \times 3 =$$

$$3+3+3+3=$$



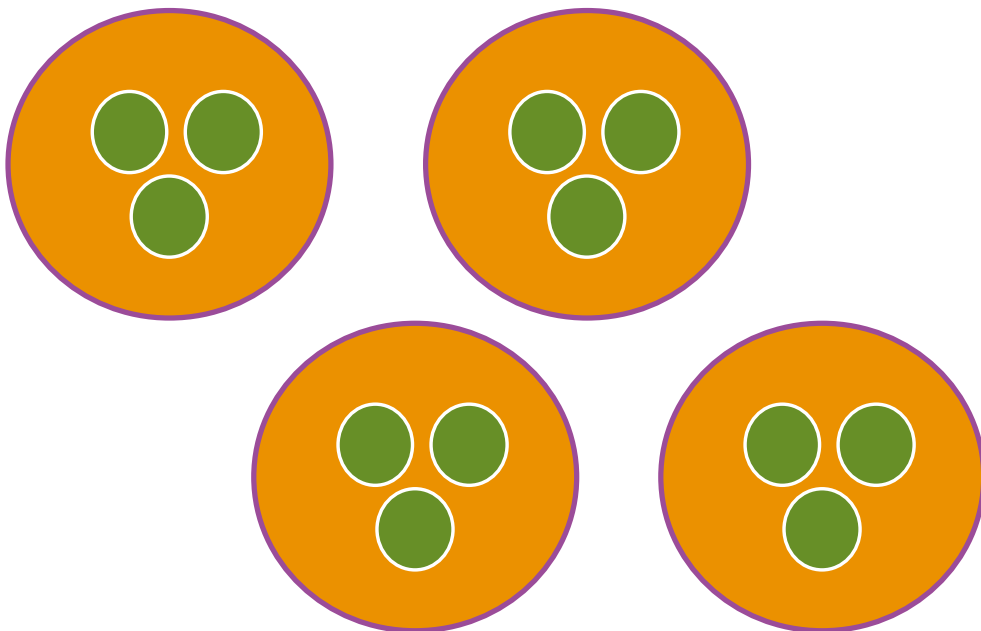
Hint: Doubles 2's + Double 2's.

STRATEGY POSTER

When multiplying by **4**
Double 2's plus Double 2's

$$4 \times 3 =$$

$$3 + 3 + 3 + 3 =$$



Hint: Doubles 2's + Double 2's.

MULTIPLICATION

$$4 \times 7 = 28$$



FACTOR



FACTOR



PRODUCT

MULTIPLES OF FOUR

A 2x2 grid of four donuts. Top-left: pink frosting with multi-colored sprinkles on a teal background. Top-right: yellow frosting with black and white sprinkles on a light blue background. Bottom-left: dark red frosting with white and pink sprinkles on a yellow background. Bottom-right: light blue frosting with multi-colored sprinkles on a pink background.



A 2x2 grid of four donuts. Top-left: pink frosting with multi-colored sprinkles on a green background. Top-right: yellow frosting with black and white sprinkles on a blue background. Bottom-left: dark red frosting with multi-colored sprinkles on a yellow background. Bottom-right: light blue frosting with multi-colored sprinkles on a pink background.

A 2x2 grid of four donuts. Top-left: pink frosting with multi-colored sprinkles on a teal background. Top-right: yellow frosting with black sprinkles on a light blue background. Bottom-left: dark red frosting with multi-colored sprinkles on a yellow background. Bottom-right: light blue frosting with multi-colored sprinkles on a pink background.

A 2x2 grid of donuts. Top-left: pink frosting with multi-colored sprinkles on a teal background. Top-right: yellow frosting with black and white sprinkles on a light blue background. Bottom-left: dark purple frosting with multi-colored sprinkles on a yellow background. Bottom-right: light blue frosting with multi-colored sprinkles on a pink background.

A 2x2 grid of donuts. Top-left: pink frosting with multi-colored sprinkles on a teal background. Top-right: yellow frosting with chocolate chips on a light blue background. Bottom-left: dark red frosting with multi-colored sprinkles on a yellow background. Bottom-right: light blue frosting with multi-colored sprinkles on a pink background.

A 2x2 grid of four donuts. Top-left: pink frosting with multi-colored sprinkles on a light blue background. Top-right: yellow frosting with multi-colored sprinkles on a light blue background. Bottom-left: dark red frosting with multi-colored sprinkles on a yellow background. Bottom-right: light blue frosting with multi-colored sprinkles on a pink background.

A 2x2 grid of donuts. Top-left: pink donut with white sprinkles on a teal background. Top-right: yellow donut with white sprinkles on a light blue background. Bottom-left: dark brown donut with white sprinkles on a yellow background. Bottom-right: light blue donut with white sprinkles on a pink background.

A 2x2 grid of four donuts. Top-left: pink frosting with multi-colored sprinkles on a teal background. Top-right: yellow frosting with black sprinkles on a light blue background. Bottom-left: brown frosting with multi-colored sprinkles on a yellow background. Bottom-right: light blue frosting with multi-colored sprinkles on a pink background.

A 2x2 grid of four donuts. Top-left: pink frosting with multi-colored sprinkles on a teal background. Top-right: yellow frosting with black and white sprinkles on a light blue background. Bottom-left: dark red frosting with multi-colored sprinkles on a yellow background. Bottom-right: light blue frosting with multi-colored sprinkles on a pink background.

MULTIPLES OF FOUR

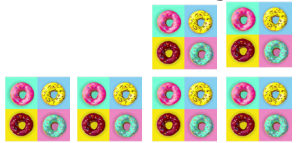
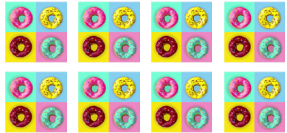
4  8  12 

16  20  24 

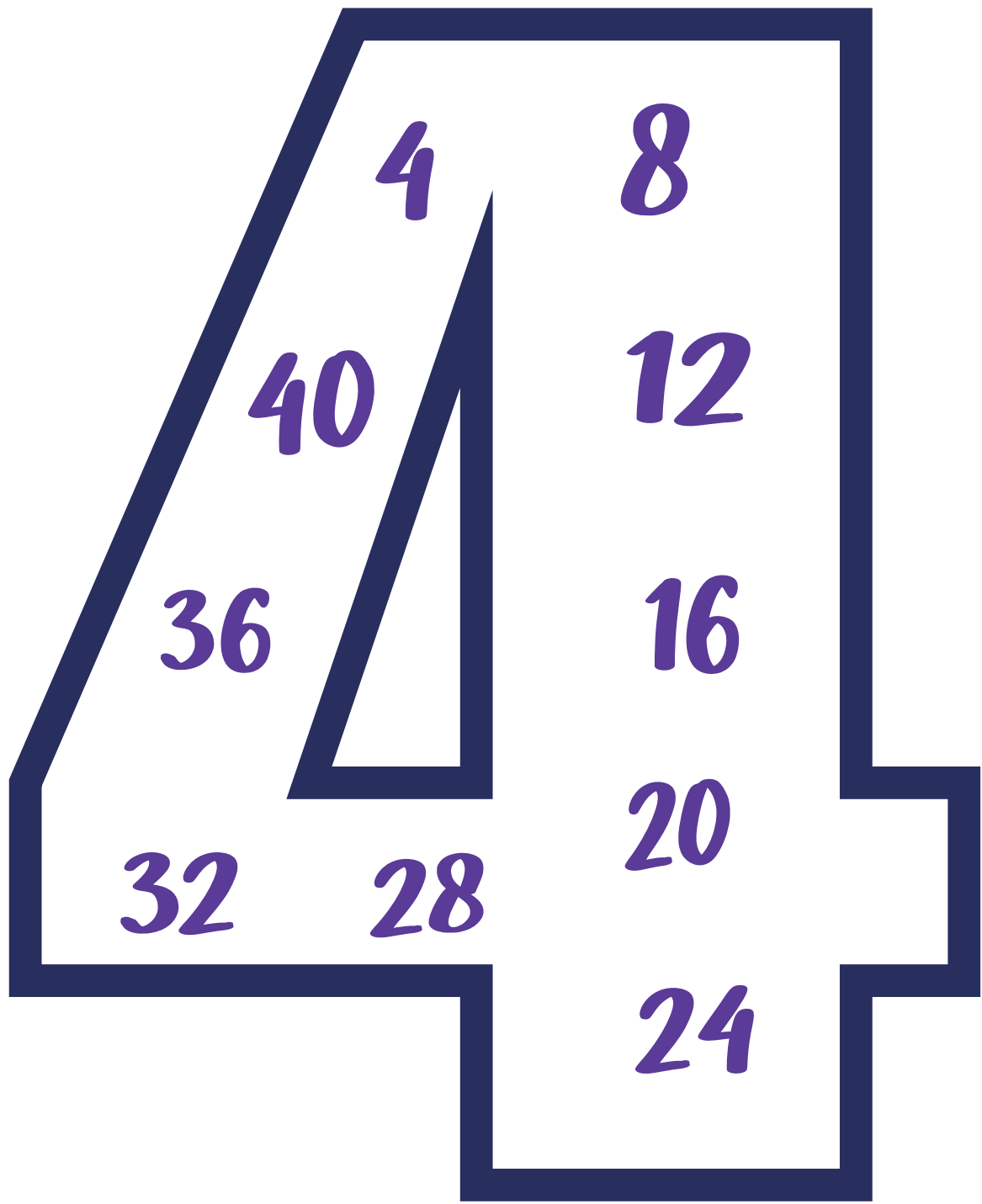
28  32  36 

40  44  48 

PICTURING THE MATH

GROUP THERE ARE 4 DONUTS IN EACH BOX.	COUNT BY SEQUENCE	MULTIPLICATION EQUATION
If you have 2 boxes of donuts with 4 donuts in each box, how many donuts would you have? 	4, 8	$2 \times 4 = 8$
If you have 6 boxes of donuts with 4 donuts in each box, how many donuts would you have? 	4, 8, 12, 16, 24	$6 \times 4 = 24$
If you have 8 boxes of donuts with 4 donuts in each box, how many donuts would you have? 	4, 8, 12, 16, 20, 24, 28, 32	$8 \times 4 = 32$
If you have 4 boxes of donuts with 4 donuts in each box, how many donuts would you have? 	4, 8, 12, 16	$4 \times 4 = 16$
If you have 10 boxes of donuts with 4 donuts in each box, how many donuts would you have? 	4, 8, 12, 16, 20, 24, 28, 32, 36, 40	$10 \times 4 = 40$

MULTIPLES OF 4

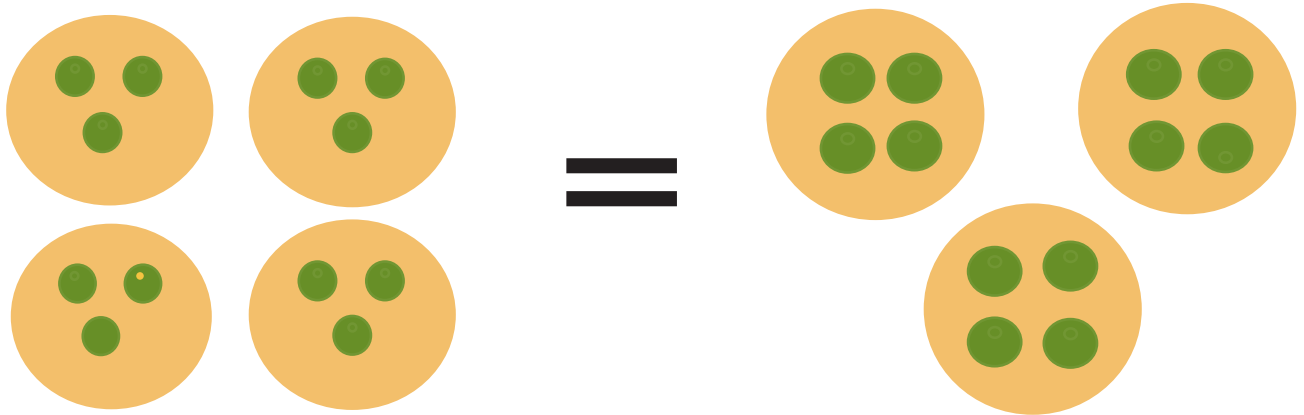




VOCABULARY

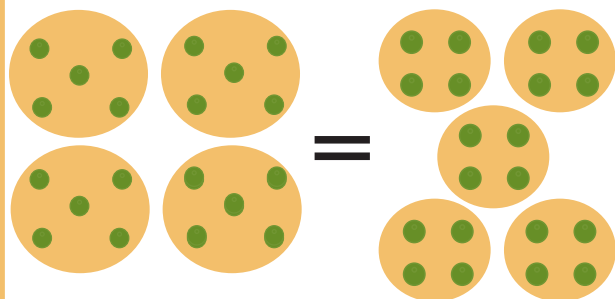
COMMUTATIVE PROPERTY

$$4 \times 3 = 3 \times 4$$

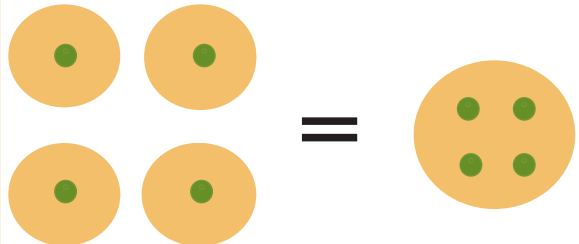


MODEL THE FACTS

$$4 \times 5 = 5 \times 4$$

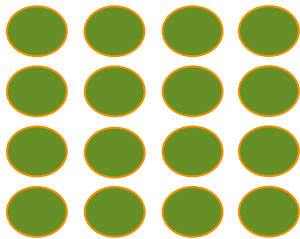


$$4 \times 1 = 1 \times 4$$

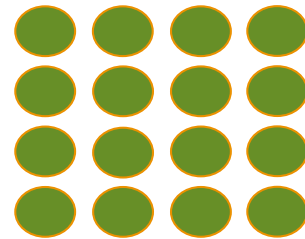


DISTRIBUTIVE PROPERTY

$$4 \times 8$$



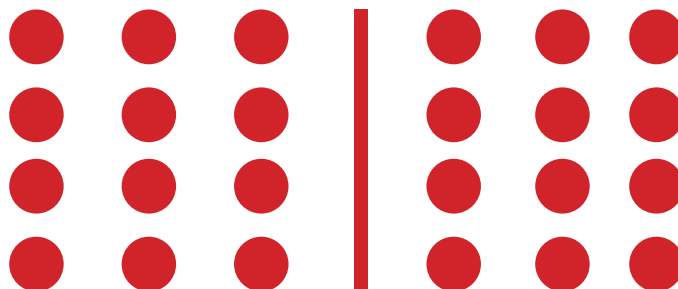
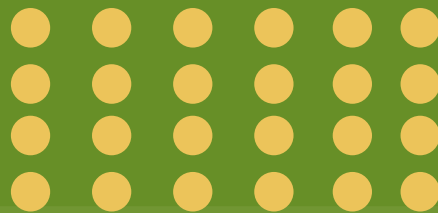
$$4 \times 4$$



$$4 \times 4$$

MODEL THE FACTS

$$4 \times 6 = (4 \times 3) + (4 \times 3)$$



There are other to ways to model this as well.

ASSOCIATIVE PROPER-

$$4 \times 2 \times 3$$

$$4 \times 6 \text{ or } 3 \times 8$$

MORE EXAMPLES

$$4 \times 1 \times 4 = \frac{4}{1} \times \frac{4}{16} \text{ OR } \frac{1}{1} \times 16$$

$$4 \times 4 \times 4 = 16 \times 4$$

$$4 \times 2 \times 4 = \frac{8}{2} \times \frac{4}{16} \text{ OR } \frac{2}{1} \times 16$$

These are examples. There are other answers.

FREE CHOICE

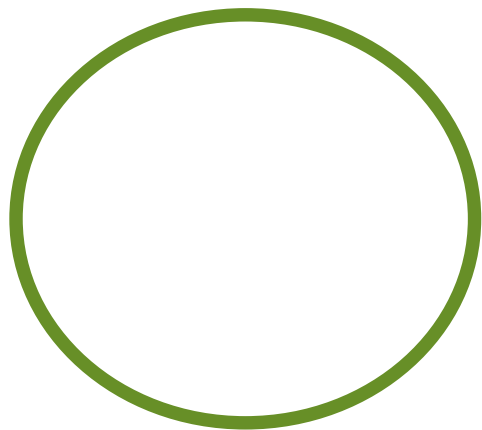
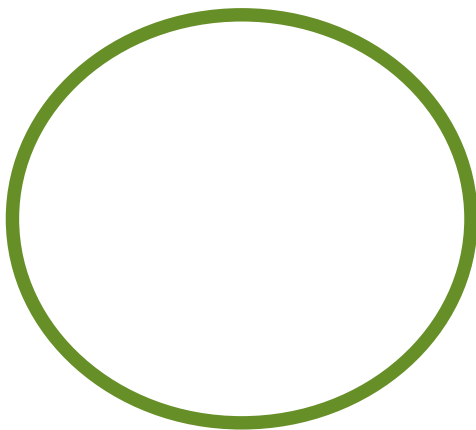
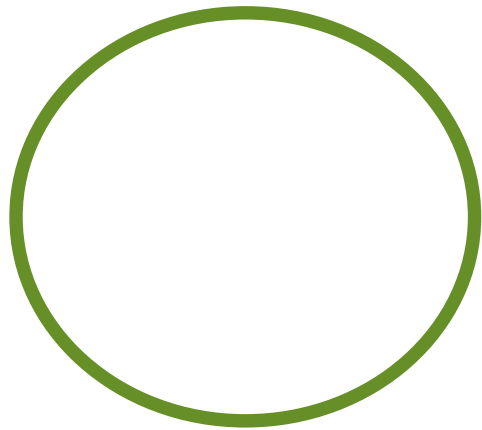
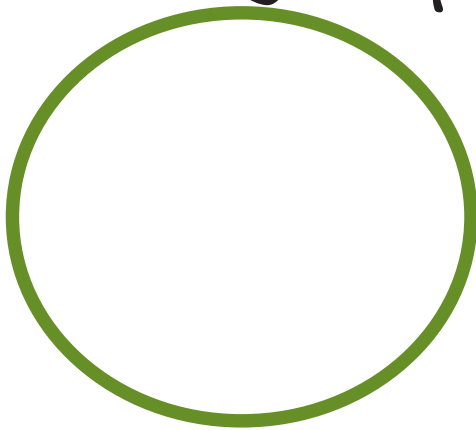
$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} = \underline{\quad} \times \underline{\quad}$$

ZERO PROPERTY

When you multiply
by zero you get zero...

Zero groups of anything is zero

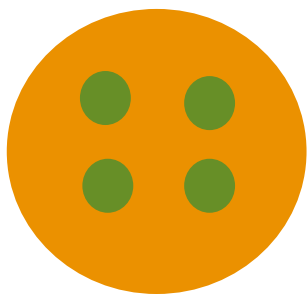
4 groups of **0** is **0**



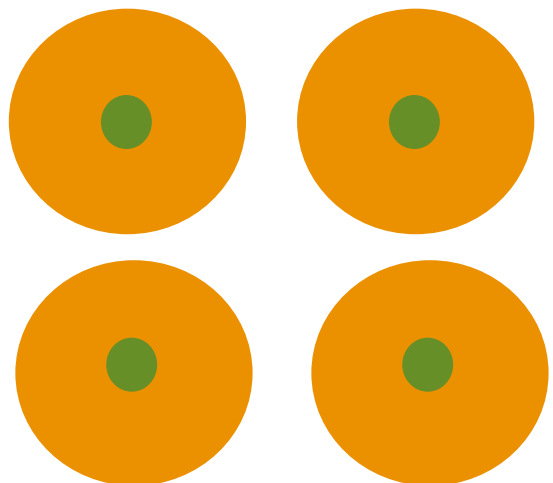
IDENTITY PROPERTY

**When you multiply by 1...
you get that number**

**1 group of
4 is 4**

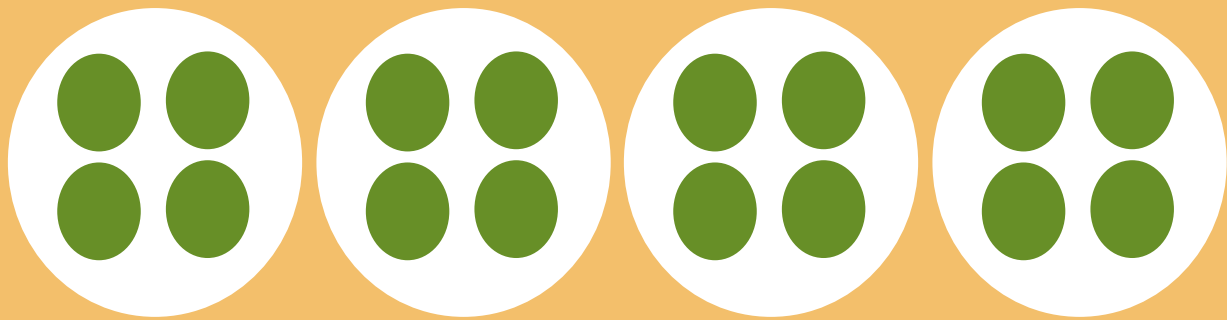


**4 groups
of 1 is 4**



Modeling Multiplication

DRAW EQUAL GROUPS



$$4 \times 4$$

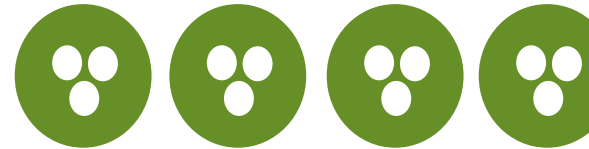
4 x 1



4 x 2



4 x 3



4 x 4



Modeling Multiplication

DRAW EQUAL GROUPS

4×5



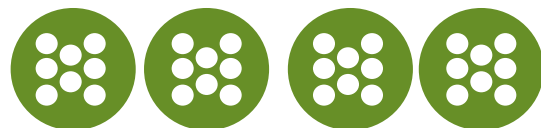
4×6



4×7



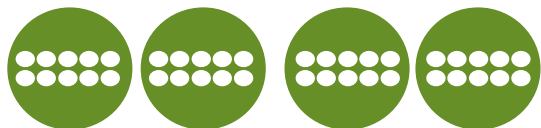
4×8



4×9



4×10



FREE CHOICE

FREE CHOICE

Modeling Multiplication

DRAW AN ARRAY

4 groups of 4

$$4 \times 4 = ?$$

●	●	●	●
●	●	●	●
●	●	●	●
●	●	●	●

DRAW AN ARRAY

$$4 \times 1$$

●
●
●
●

$$4 \times 2$$

●	●
●	●
●	●
●	●

$$4 \times 3$$

●	●	●
●	●	●
●	●	●
●	●	●

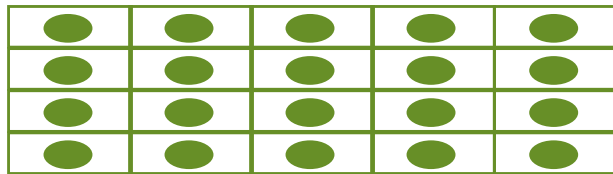
$$4 \times 4$$

●	●	●	●
●	●	●	●
●	●	●	●
●	●	●	●

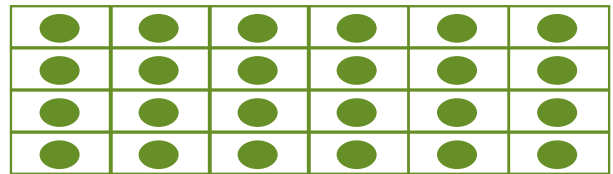
Modeling Multiplication

DRAW AN ARRAY

4×5



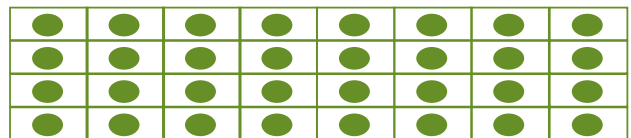
4×6



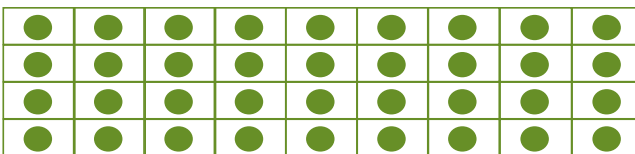
4×7



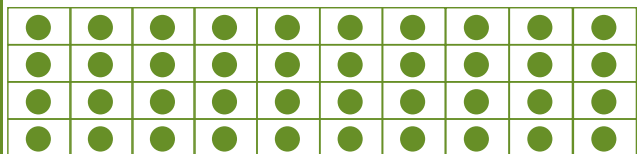
4×8



4×9



4×10



FREE CHOICE

FREE CHOICE

Multiplication Strategies:

REPEATED ADDITION

4 groups of 4

$$4 + 4 + 4 + 4 = 16$$

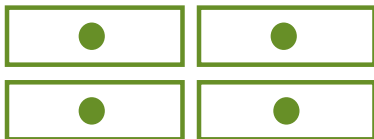


$$4 \times 4 = 16$$

MODEL THE REPEATED ADDITION SENTENCE

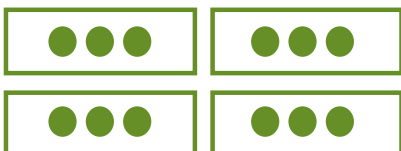
$$4 \times 1$$

$$1 + 1 + 1 + 1$$



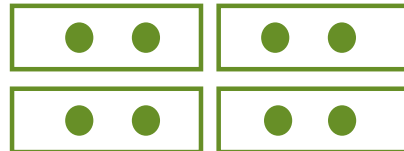
$$4 \times 3$$

$$3 + 3 + 3 + 3$$



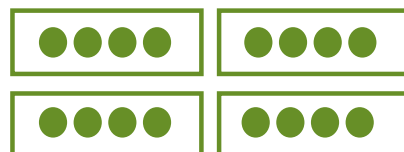
$$4 \times 2$$

$$2 + 2 + 2 + 2$$



$$4 \times 4$$

$$4 + 4 + 4 + 4$$

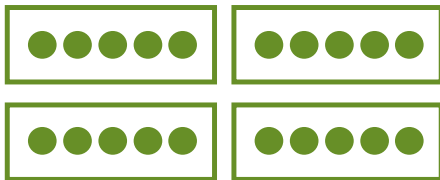


Multiplication Strategies:

REPEATED ADDITION

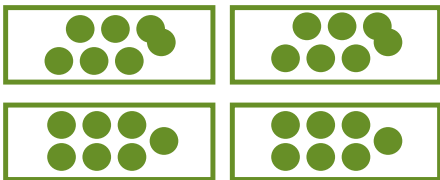
$$4 \times 5$$

$$5 + 5 + 5 + 5$$



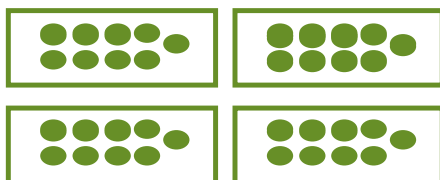
$$4 \times 7$$

$$7 + 7 + 7 + 7$$



$$4 \times 9$$

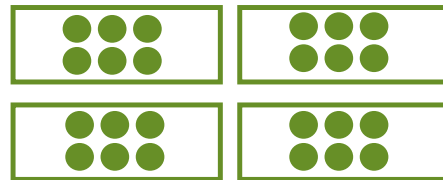
$$9 + 9 + 9 + 9$$



FREE CHOICE

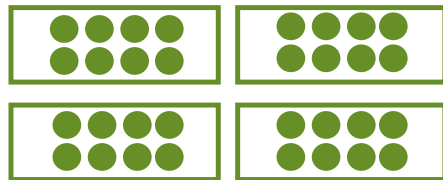
$$4 \times 6$$

$$6 + 6 + 6 + 6$$



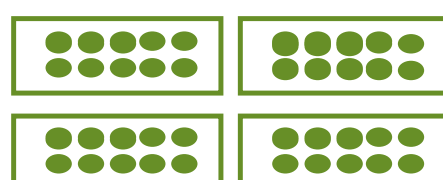
$$4 \times 8$$

$$8 + 8 + 8 + 8$$



$$4 \times 10$$

$$10 + 10 + 10 + 10$$

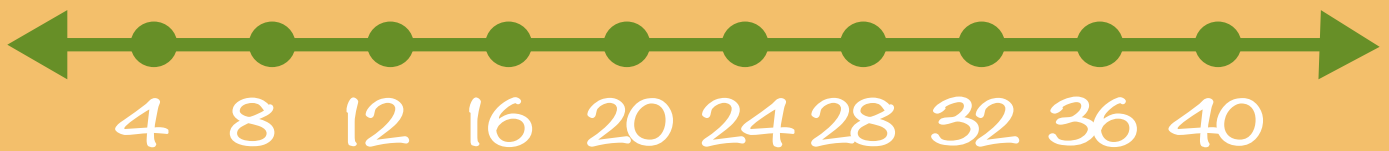


FREE CHOICE

Modeling Multiplication

SKIP COUNTING

DRAW ON A NUMBER LINE



FILL IN THE MISSING NUMBERS



Modeling Multiplication

SKIP COUNTING

FILL IN THE MISSING NUMBERS

4	8	12	16	20	24	28	32	36	40
---	---	----	----	----	----	----	----	----	----

FILL IN THE MISSING NUMBERS

4	8	12	16	20	24	28	32	36	40
---	---	----	----	----	----	----	----	----	----

FILL IN THE MISSING NUMBERS

4	8	12	16	20	24	28	32	36	40
---	---	----	----	----	----	----	----	----	----

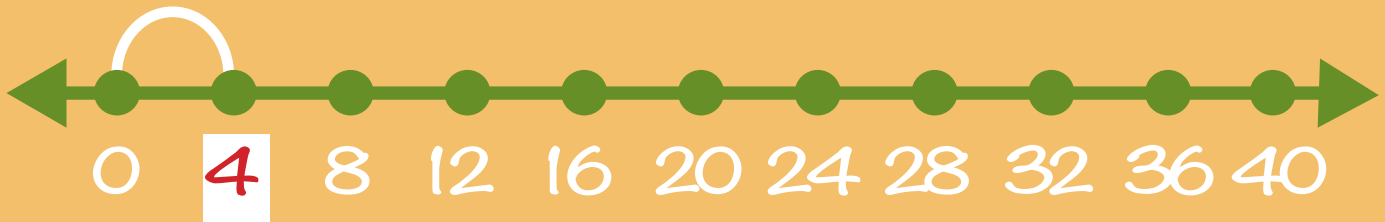
FILL IN THE MISSING NUMBERS

4	8	12	16	20	24	28	32	36	40
---	---	----	----	----	----	----	----	----	----

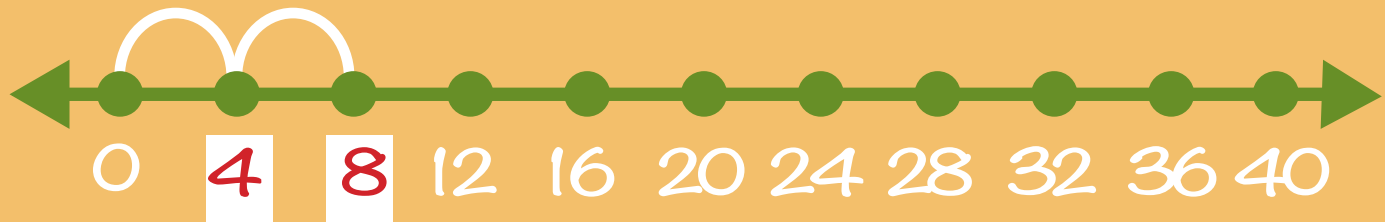
Modeling Multiplication

SKIP COUNTING

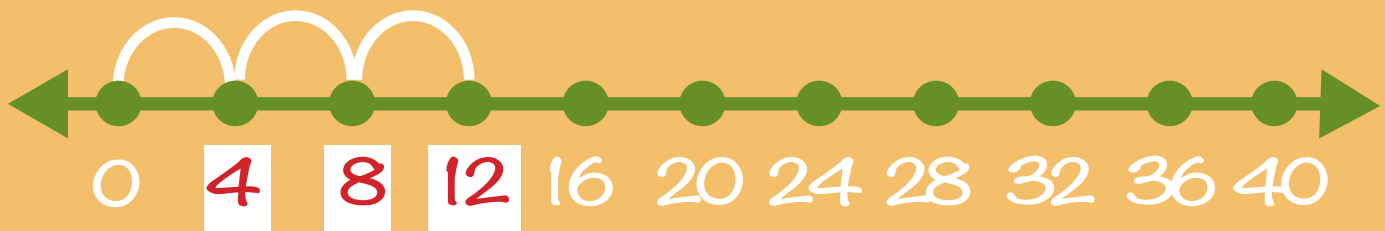
FILL IN THE MISSING NUMBERS. MODEL 4×1 ON THE NUMBER LINE



FILL IN THE MISSING NUMBERS. MODEL 4×2 ON THE NUMBER LINE



FILL IN THE MISSING NUMBERS. MODEL 4×3 ON THE NUMBER LINE



Modeling Multiplication

SKIP COUNTING

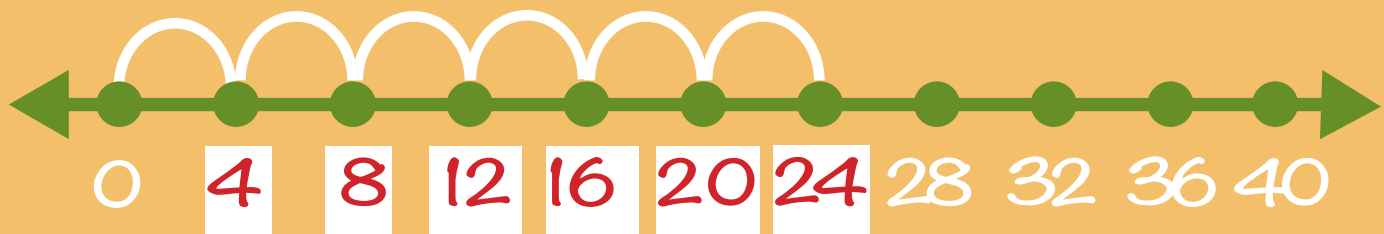
FILL IN THE MISSING NUMBERS. MODEL 4×4 ON THE NUMBER LINE



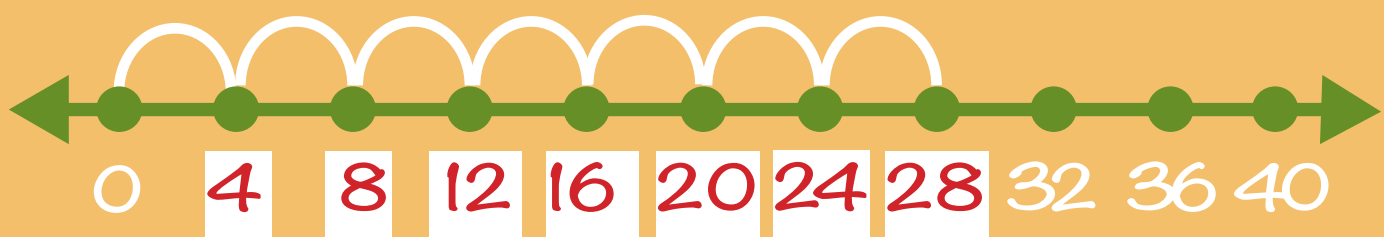
FILL IN THE MISSING NUMBERS. MODEL 4×5 ON THE NUMBER LINE



FILL IN THE MISSING NUMBERS. MODEL 4×6 ON THE NUMBER LINE



FILL IN THE MISSING NUMBERS. MODEL 4×7 ON THE NUMBER LINE



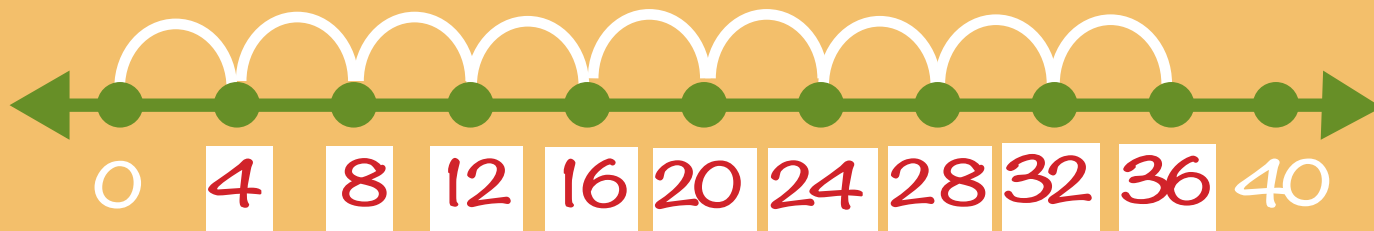
Modeling Multiplication

SKIP COUNTING

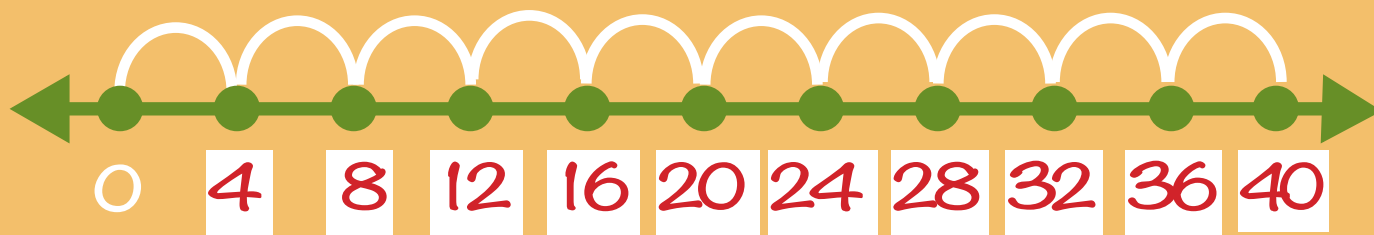
FILL IN THE MISSING NUMBERS. MODEL 4×8 ON THE NUMBER LINE



FILL IN THE MISSING NUMBERS. MODEL 4×9 ON THE NUMBER LINE

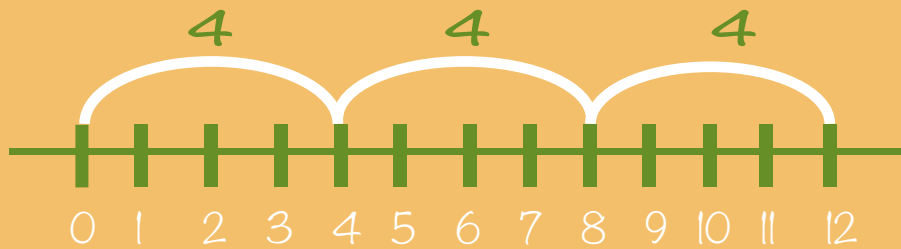


FILL IN THE MISSING NUMBERS. MODEL 4×10 ON THE NUMBER LINE



Multiplication Strategies:

SKIP COUNTING ON THE NUMBER LINE



$$4 \times 3$$

SOLVE THE PROBLEM ON THE NUMBER LINE

$$4 \times 2$$



$$4 \times 3$$



$$4 \times 4$$



$$4 \times 5$$



SOLVE THE PROBLEM ON THE NUMBER LINE

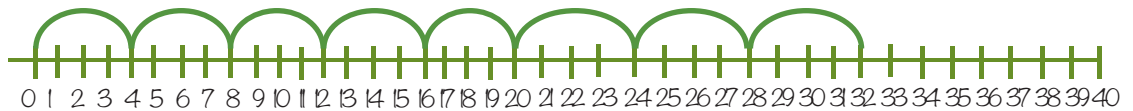
4×6



4×7



4×8



4×9



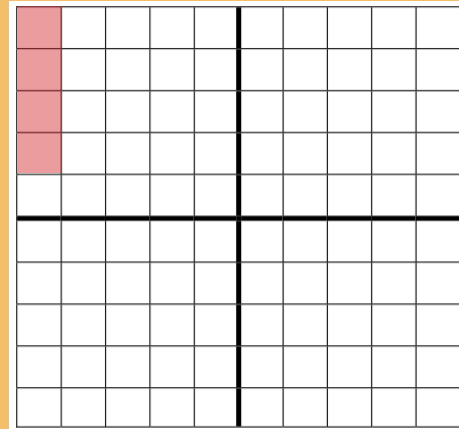
4×10



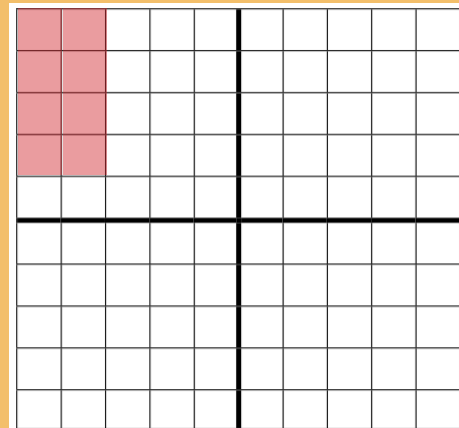
Array Flashcards

MODEL THE PROBLEMS ON THE GRIDS.

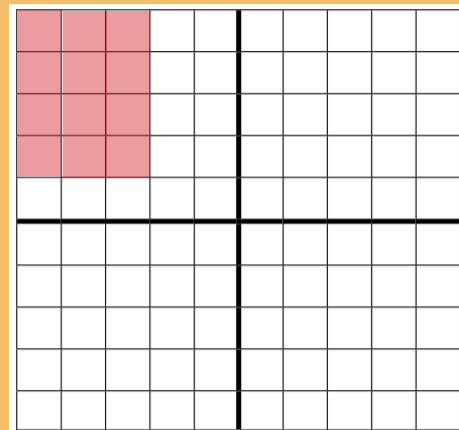
$$4 \times 1 = \underline{4}$$



$$4 \times 2 = \underline{8}$$



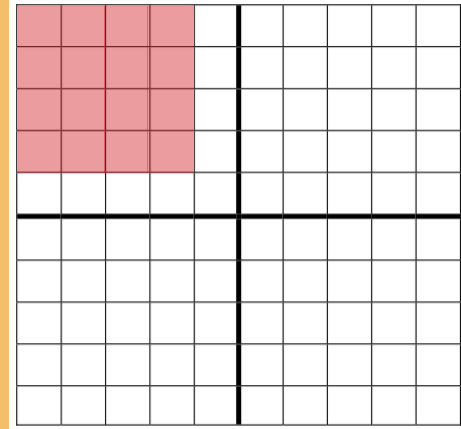
$$4 \times 3 = \underline{12}$$



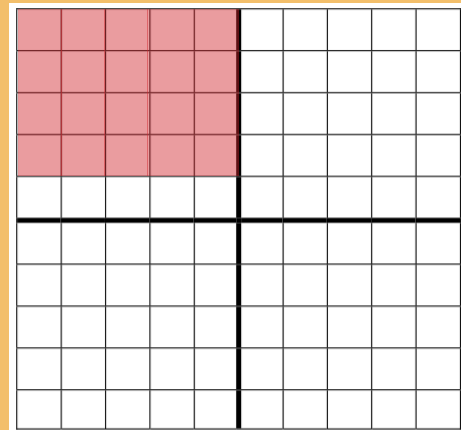
Array Flashcards

MODEL THE PROBLEMS ON THE GRIDS.

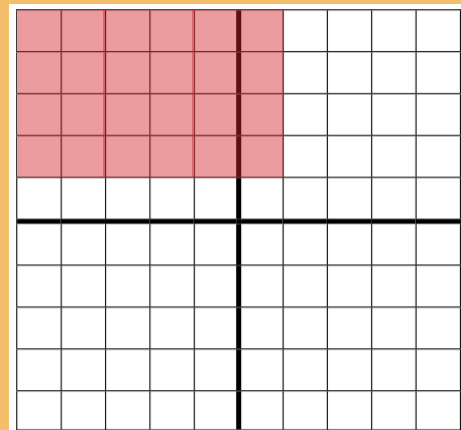
$$4 \times 4 = \underline{16}$$



$$4 \times 5 = \underline{20}$$



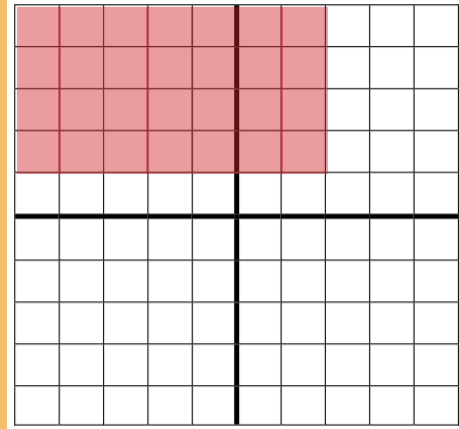
$$4 \times 6 = \underline{24}$$



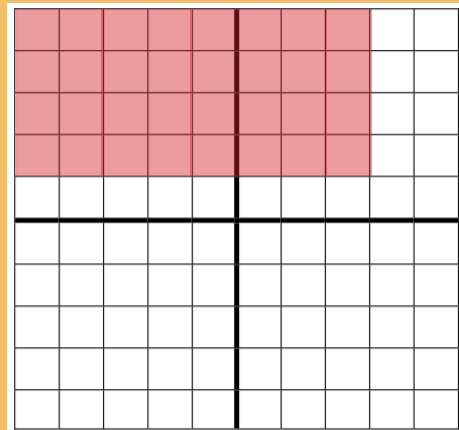
Array Flashcards

MODEL THE PROBLEMS ON THE GRIDS.

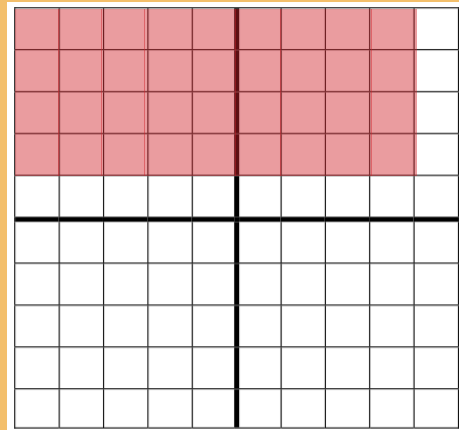
$$4 \times 7 = \underline{28}$$



$$4 \times 8 = \underline{32}$$



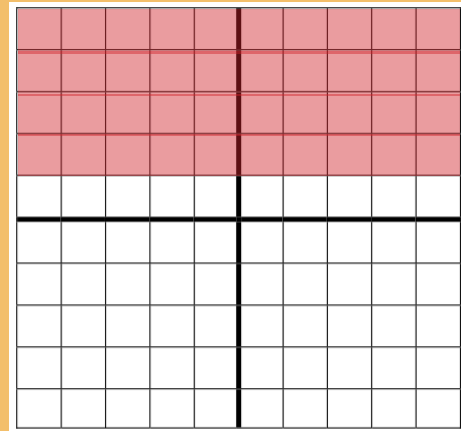
$$4 \times 9 = \underline{36}$$



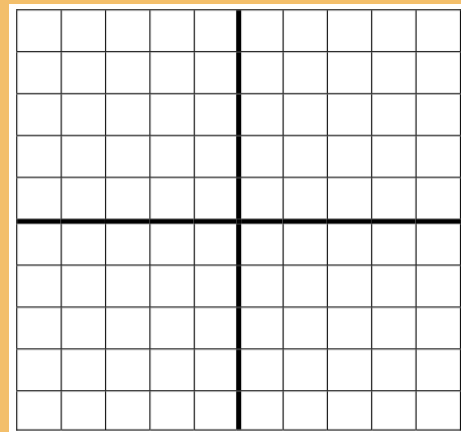
Array Flashcards

MODEL THE PROBLEMS ON THE GRIDS.

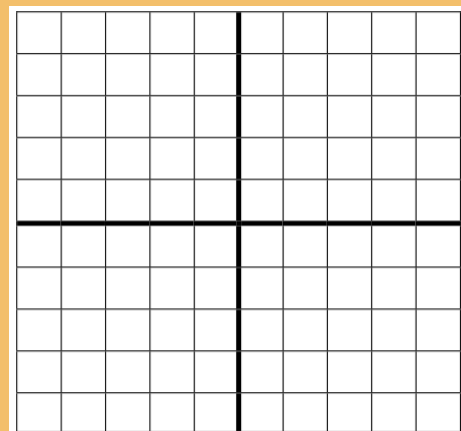
$$4 \times 10 = \underline{40}$$



FREE CHOICE



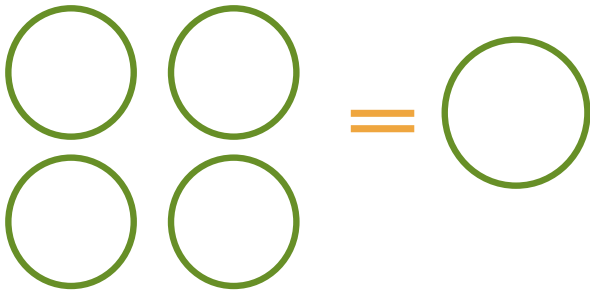
FREE CHOICE



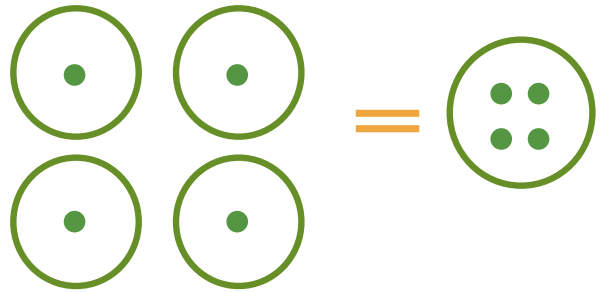
Equal Group Flashcards

MAKE YOUR OWN EQUAL GROUP FLASHCARDS. DRAW EQUAL GROUPS TO MODEL THE PROBLEM.

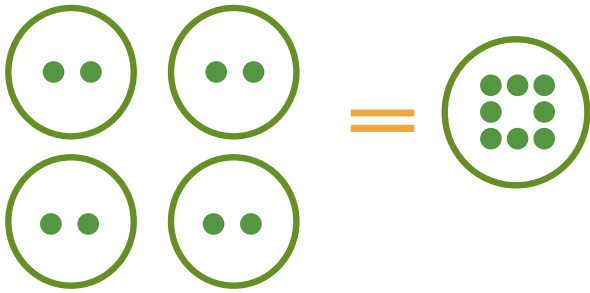
$$4 \times 0 = 0$$



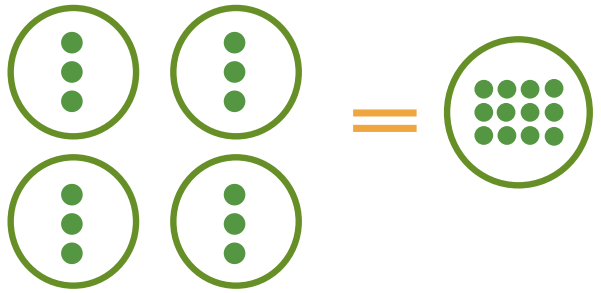
$$4 \times 1 = 4$$



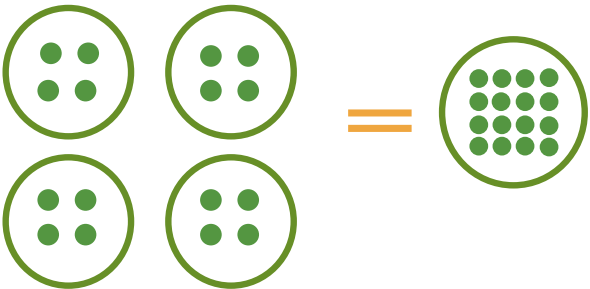
$$4 \times 2 = 8$$



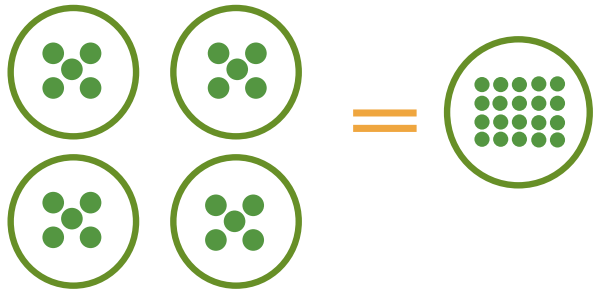
$$4 \times 3 = 12$$



$$4 \times 4 = 16$$



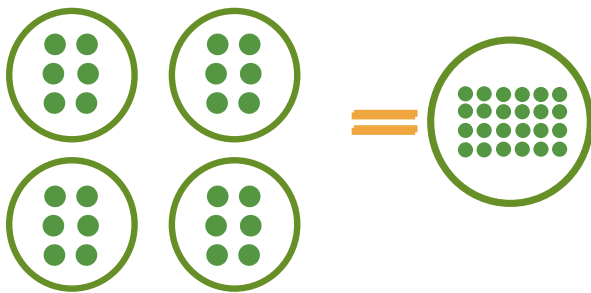
$$4 \times 5 = 20$$



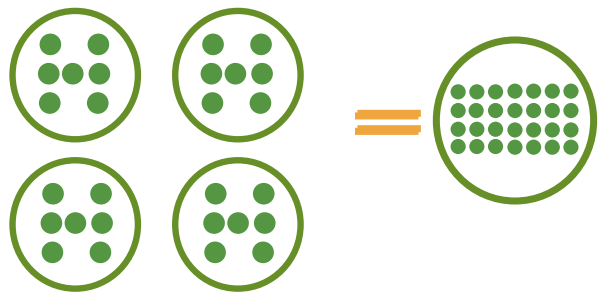
Equal Group Flashcards

MAKE YOUR OWN EQUAL GROUP FLASHCARDS. DRAW EQUAL GROUPS TO MODEL THE PROBLEM.

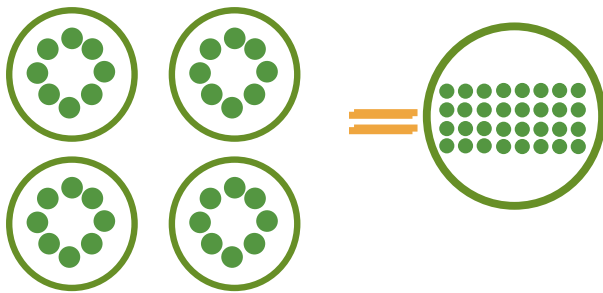
$$4 \times 6 = 24$$



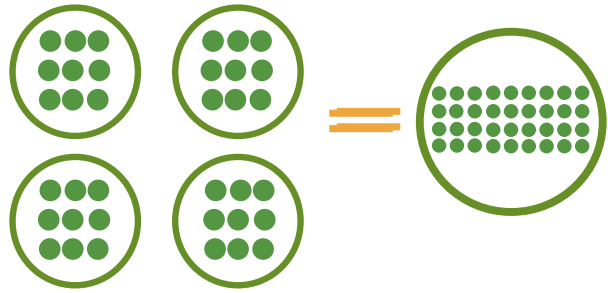
$$4 \times 7 = 28$$



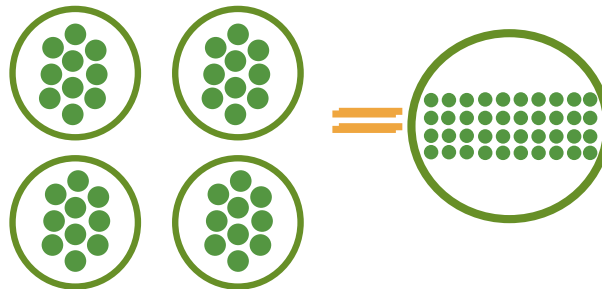
$$4 \times 8 = 32$$



$$4 \times 9 = 36$$



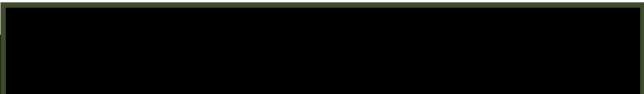
$$4 \times 10 = 40$$

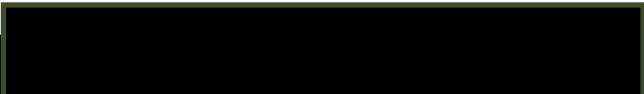


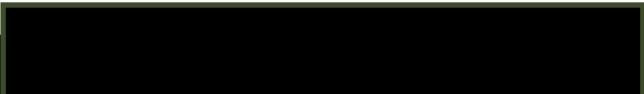
Regular Flashcards

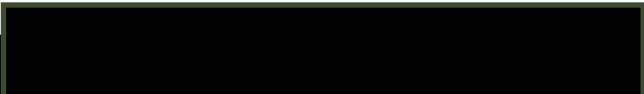

$$4 \times 0$$


$$4 \times 1$$

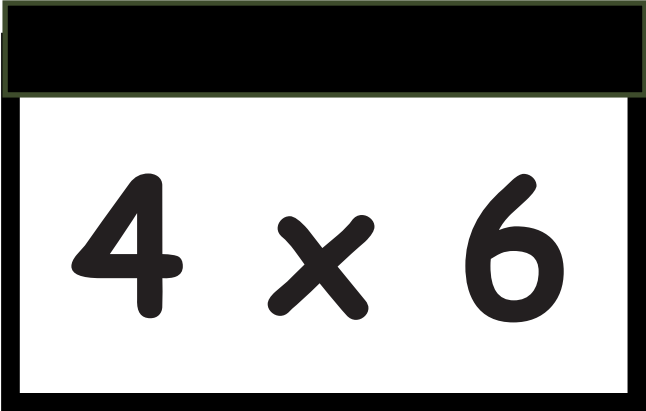

$$4 \times 2$$


$$4 \times 3$$

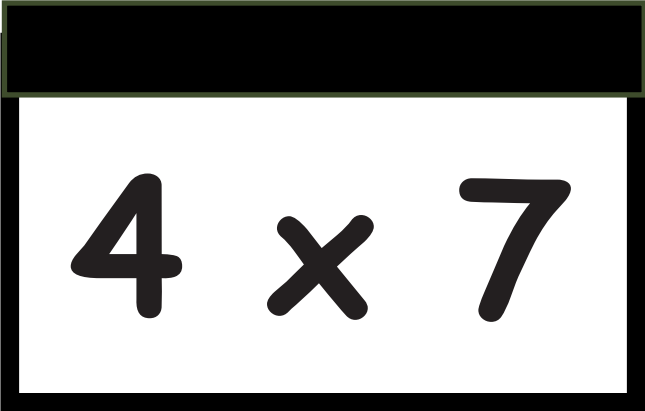

$$4 \times 4$$


$$4 \times 5$$

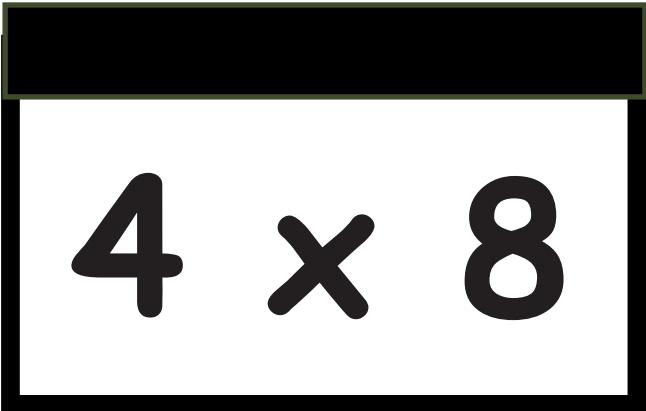
Regular Flashcards



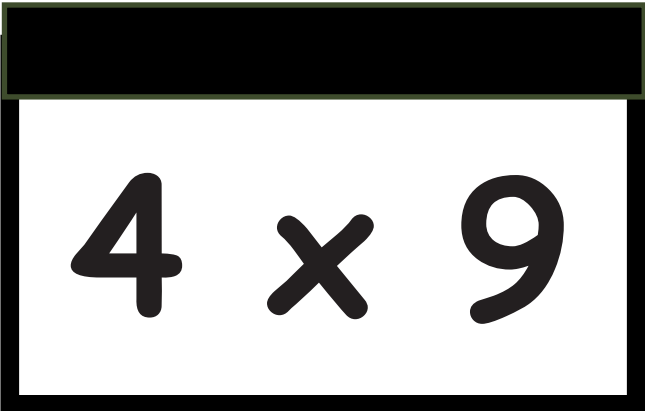
4 × 6



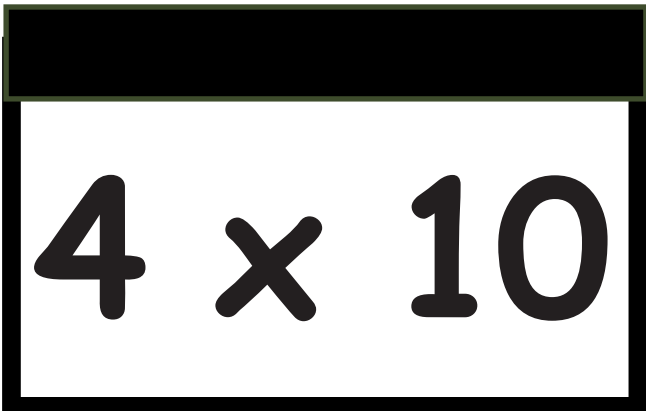
4 × 7



4 × 8



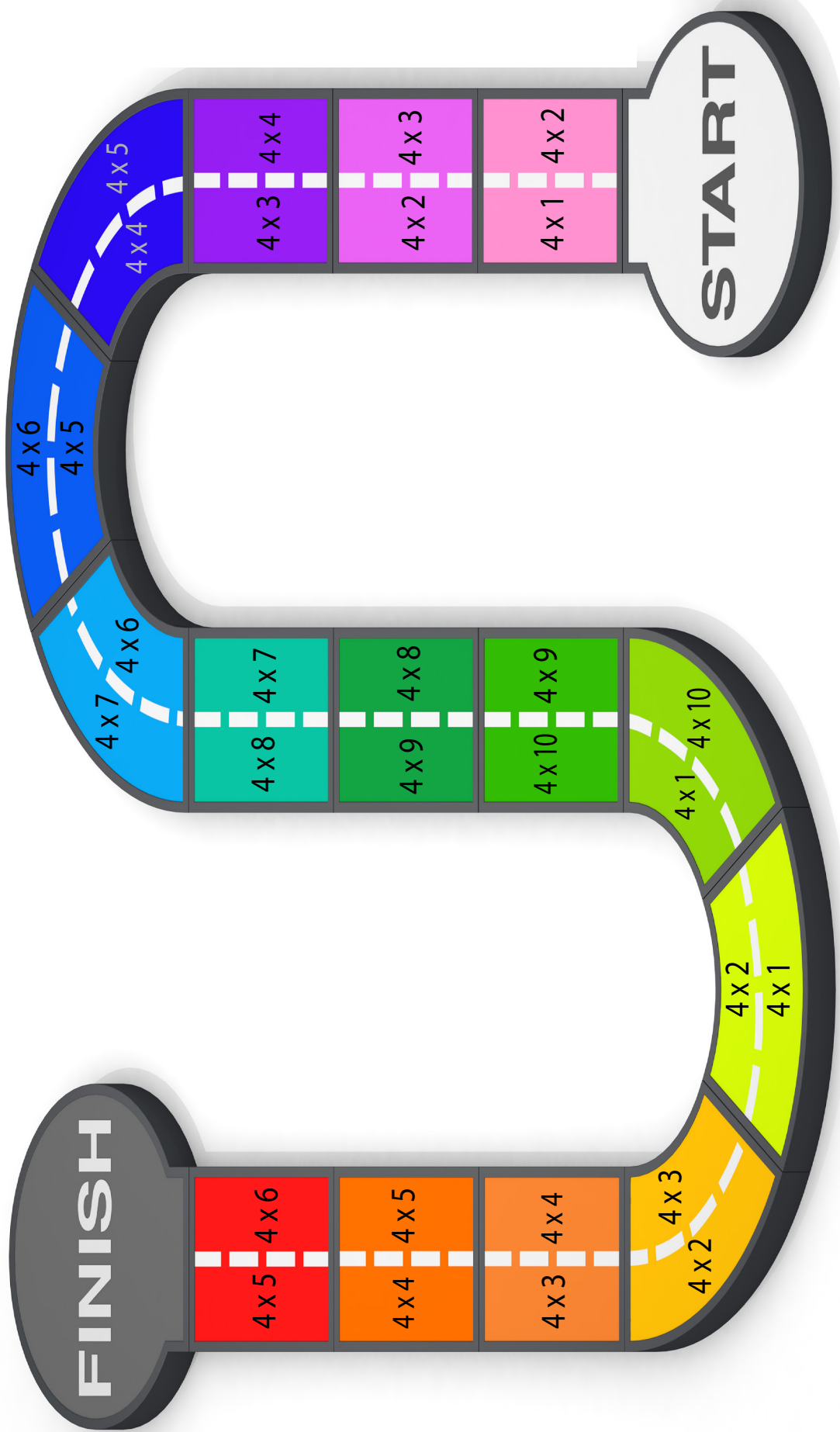
4 × 9



4 × 10

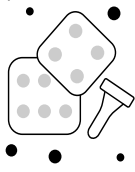
MULTIPLICATION RACE

Directions: Play with a partner. Each player chooses a marker and a side. Decide who starts. Roll the die. Take turns moving. Player 1 says the product. Player 2 checks the answer using the bookmark. If it is correct, stay on the spot. If it is incorrect, move back one. Whoever reaches first wins.

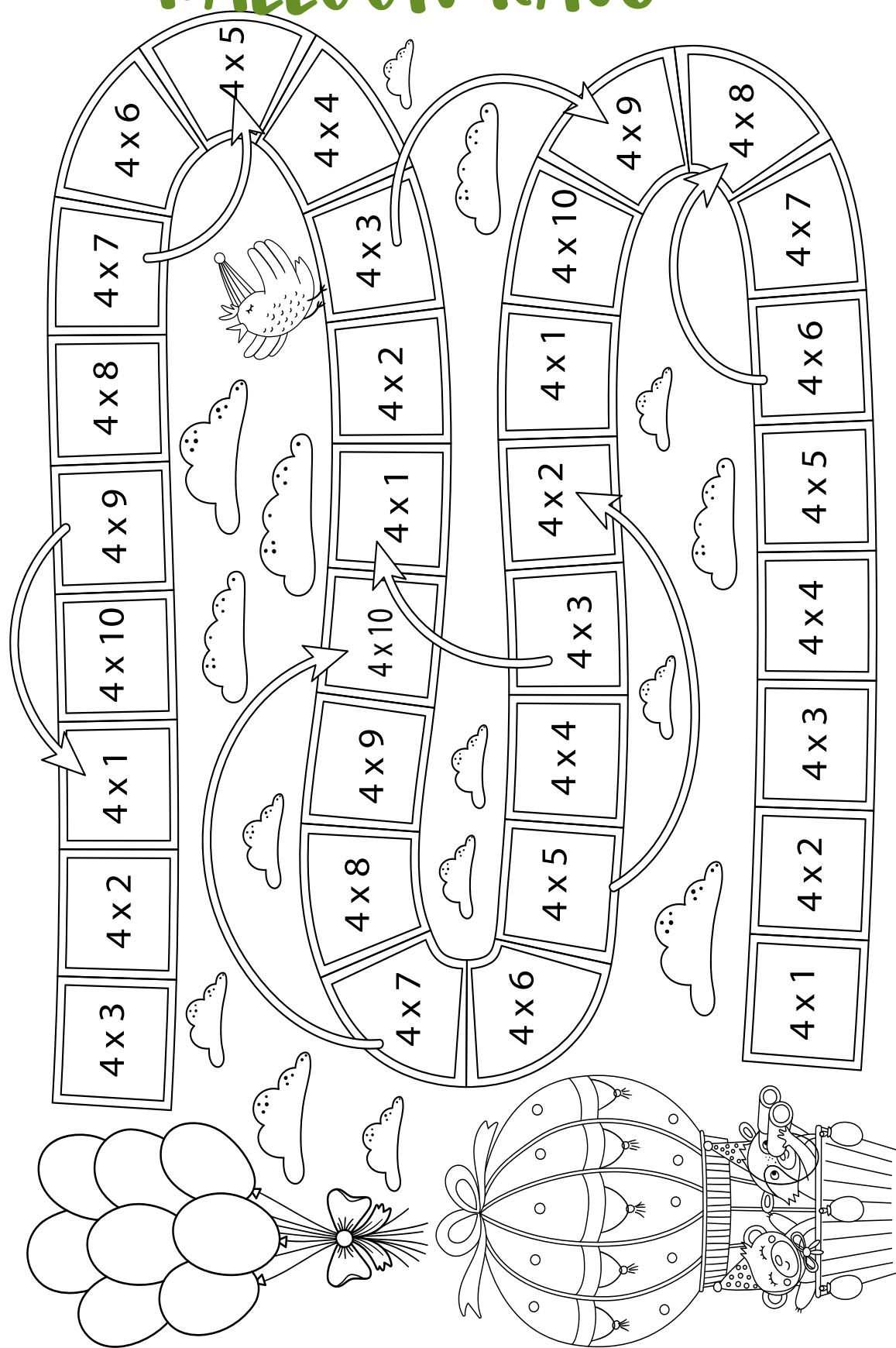




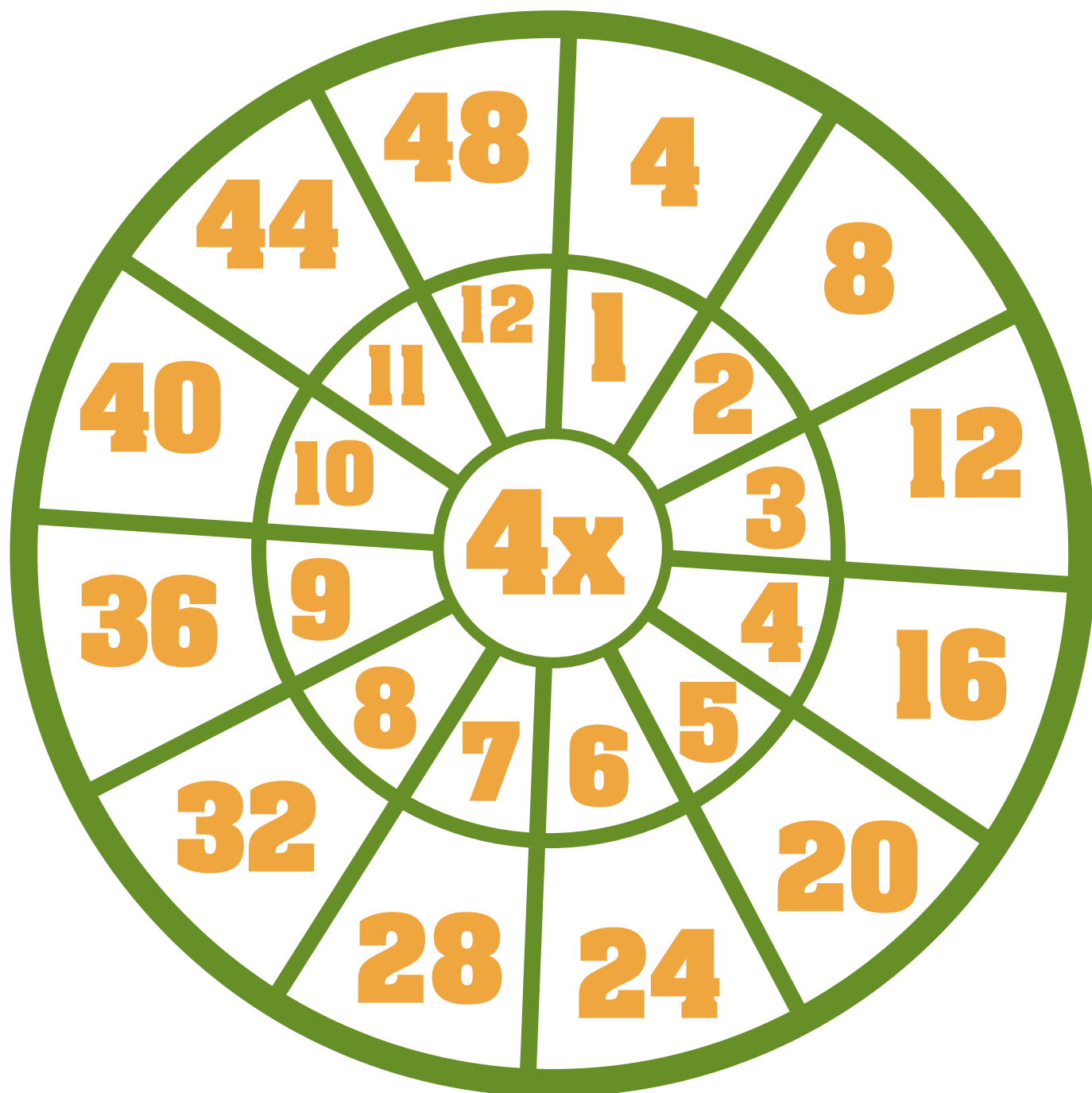
Help the animals get to the bunch of balloons



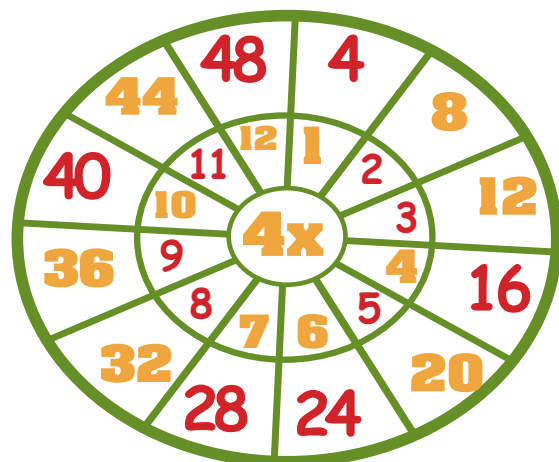
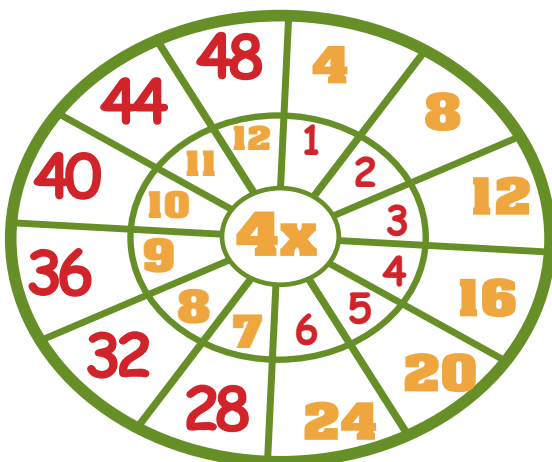
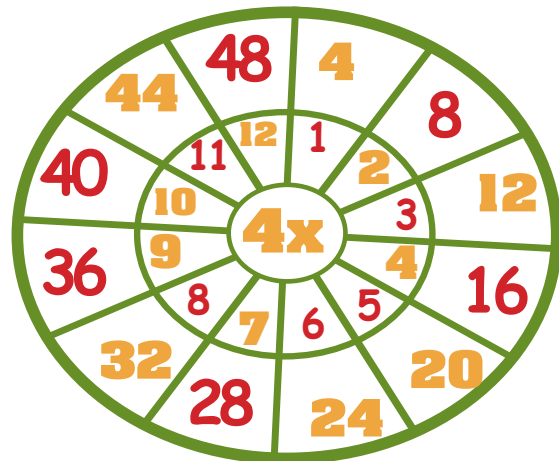
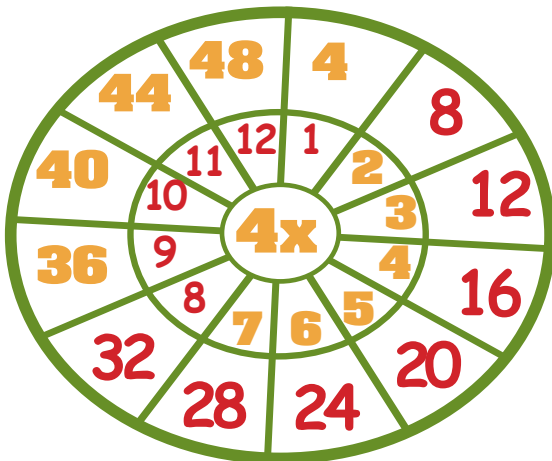
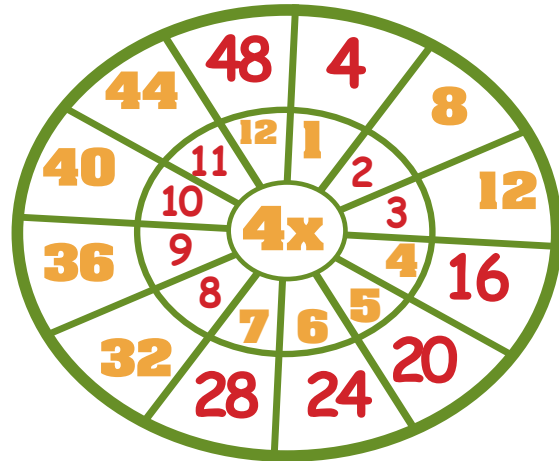
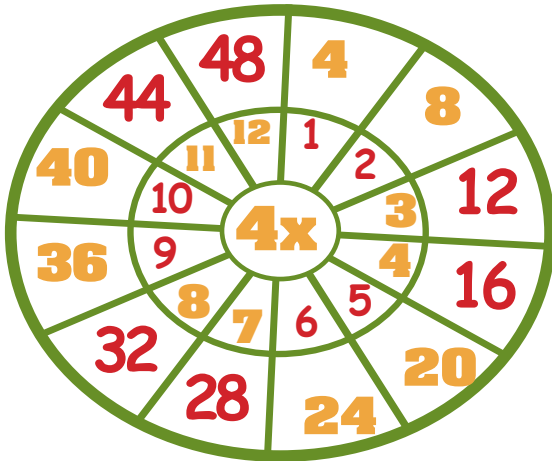
BALLOON RACE



MULTIPLICATION WHEELS



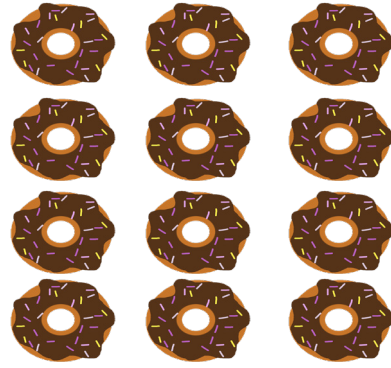
MULTIPLICATION WHEELS



PICTURE FACT FAMILY



$$\begin{array}{r} 4 \\ \hline 2 \\ \hline 8 \\ \hline 8 \end{array} \begin{array}{c} \times \\ \times \\ \div \\ \div \end{array} \begin{array}{r} 2 \\ \hline 4 \\ \hline 4 \\ \hline 2 \end{array} = \begin{array}{r} 8 \\ \hline 8 \\ \hline 2 \\ \hline 4 \end{array}$$



$$\begin{array}{r} 4 \\ \hline 3 \\ \hline 12 \\ \hline 12 \end{array} \begin{array}{c} \times \\ \times \\ \div \\ \div \end{array} \begin{array}{r} 3 \\ \hline 4 \\ \hline 4 \\ \hline 3 \end{array} = \begin{array}{r} 12 \\ \hline 12 \\ \hline 3 \\ \hline 4 \end{array}$$



$$\begin{array}{r} 4 \\ \hline 4 \\ \hline 16 \\ \hline 16 \end{array} \begin{array}{c} \times \\ \times \\ \div \\ \div \end{array} \begin{array}{r} 4 \\ \hline 4 \\ \hline 4 \\ \hline 4 \end{array} = \begin{array}{r} 16 \\ \hline 16 \\ \hline 4 \\ \hline 4 \end{array}$$



$$\begin{array}{r} 4 \\ \hline 5 \\ \hline 20 \\ \hline 20 \end{array} \begin{array}{c} \times \\ \times \\ \div \\ \div \end{array} \begin{array}{r} 5 \\ \hline 4 \\ \hline 4 \\ \hline 5 \end{array} = \begin{array}{r} 20 \\ \hline 20 \\ \hline 5 \\ \hline 4 \end{array}$$

PICTURE FACT FAMILY



$$\begin{array}{r} 4 \\ \hline 6 \end{array} \times \begin{array}{r} 6 \\ \hline 4 \end{array} = \begin{array}{r} 24 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 24 \\ \hline 24 \end{array} \div \begin{array}{r} 4 \\ \hline 6 \end{array} = \begin{array}{r} 6 \\ \hline 4 \end{array}$$



$$\begin{array}{r} 4 \\ \hline 7 \end{array} \times \begin{array}{r} 7 \\ \hline 4 \end{array} = \begin{array}{r} 28 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 28 \\ \hline 28 \end{array} \div \begin{array}{r} 4 \\ \hline 7 \end{array} = \begin{array}{r} 7 \\ \hline 4 \end{array}$$



$$\begin{array}{r} 4 \\ \hline 8 \end{array} \times \begin{array}{r} 8 \\ \hline 4 \end{array} = \begin{array}{r} 32 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 32 \\ \hline 32 \end{array} \div \begin{array}{r} 4 \\ \hline 8 \end{array} = \begin{array}{r} 8 \\ \hline 4 \end{array}$$



$$\begin{array}{r} 4 \\ \hline 9 \end{array} \times \begin{array}{r} 9 \\ \hline 4 \end{array} = \begin{array}{r} 36 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 36 \\ \hline 36 \end{array} \div \begin{array}{r} 4 \\ \hline 9 \end{array} = \begin{array}{r} 9 \\ \hline 4 \end{array}$$

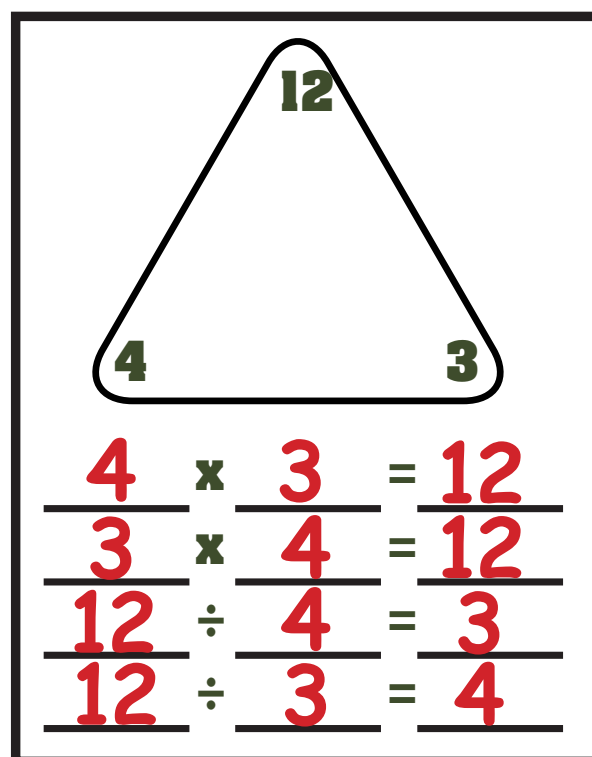
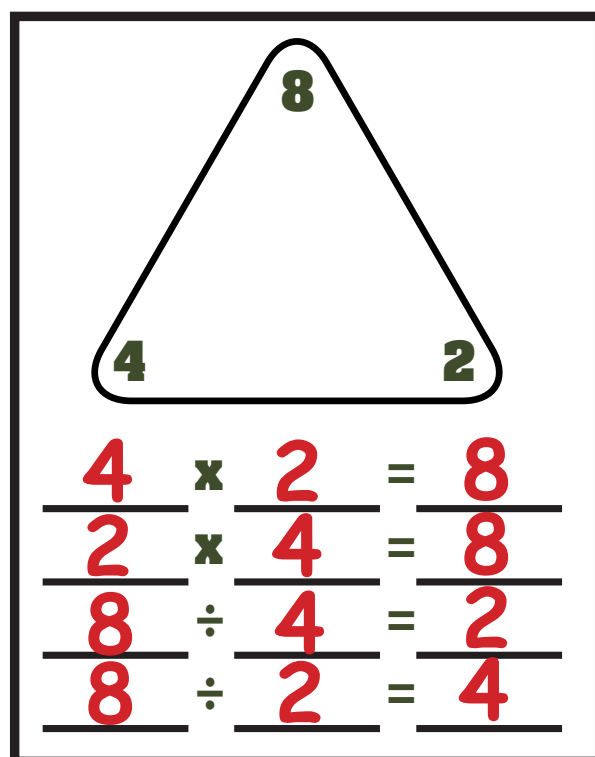
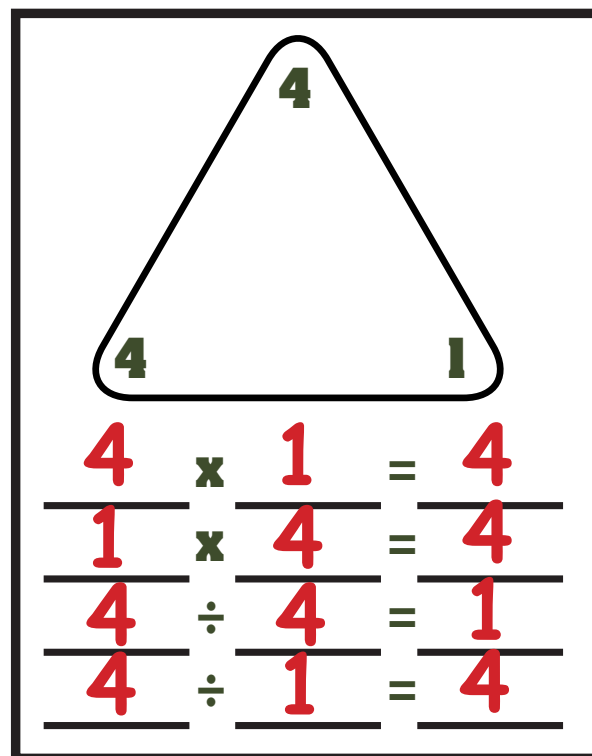
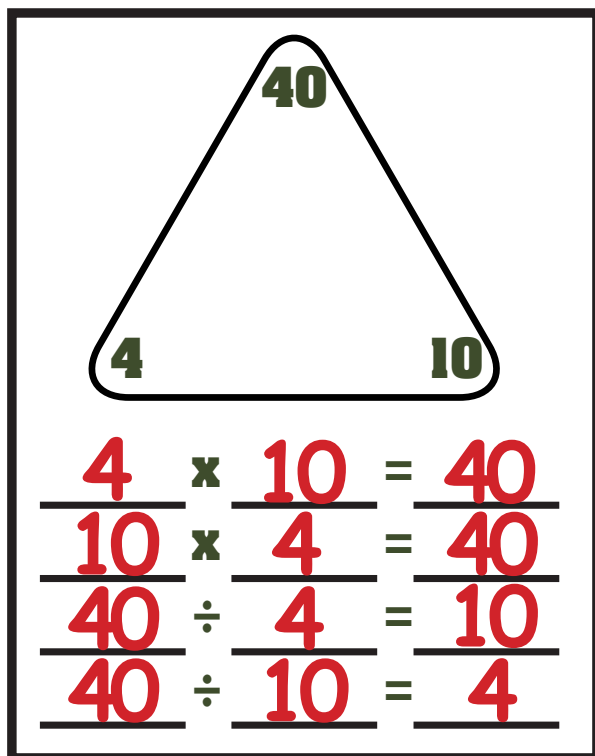
PICTURE FACT FAMILY


$$\begin{array}{r} 4 \\ \times 10 \\ \hline 40 \end{array}$$
$$\begin{array}{r} 10 \\ \times 4 \\ \hline 40 \end{array}$$
$$\begin{array}{r} 40 \\ \div 4 \\ \hline 10 \end{array}$$
$$\begin{array}{r} 40 \\ \div 10 \\ \hline 4 \end{array}$$

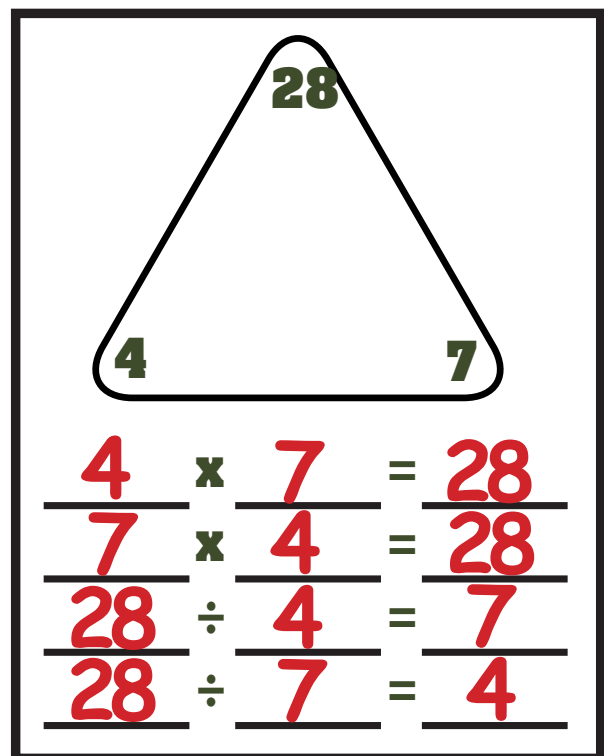
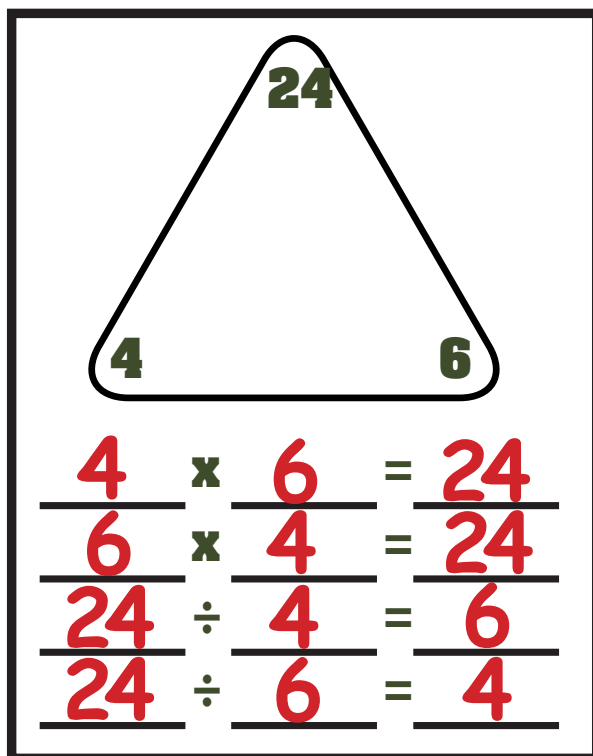
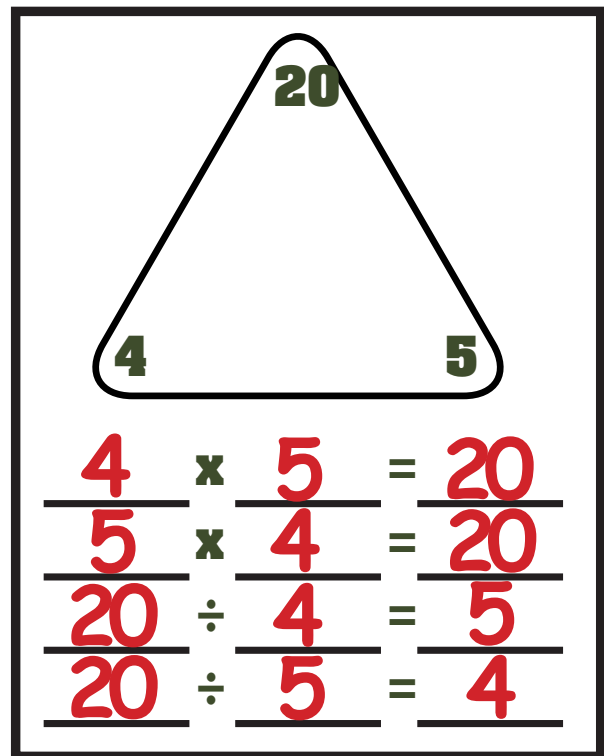
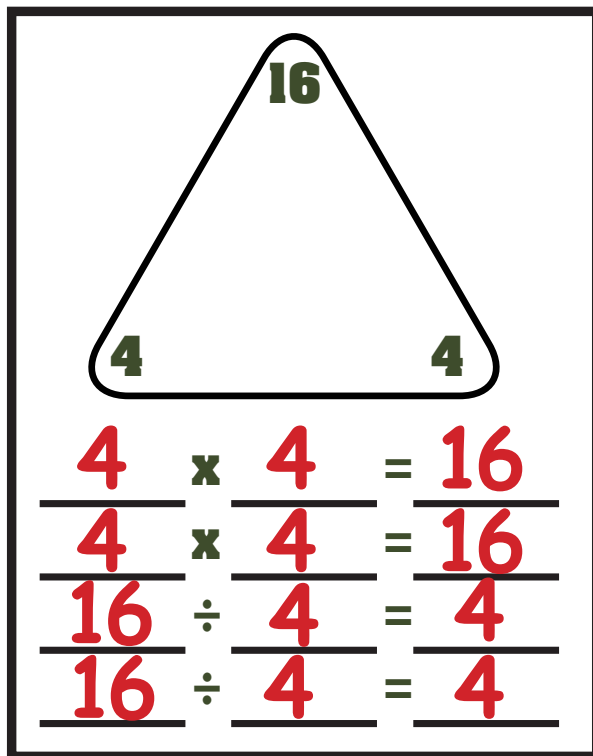
MAKE YOUR OWN

_____	x	_____	=	_____
_____	x	_____	=	_____
_____	÷	_____	=	_____
_____	÷	_____	=	_____

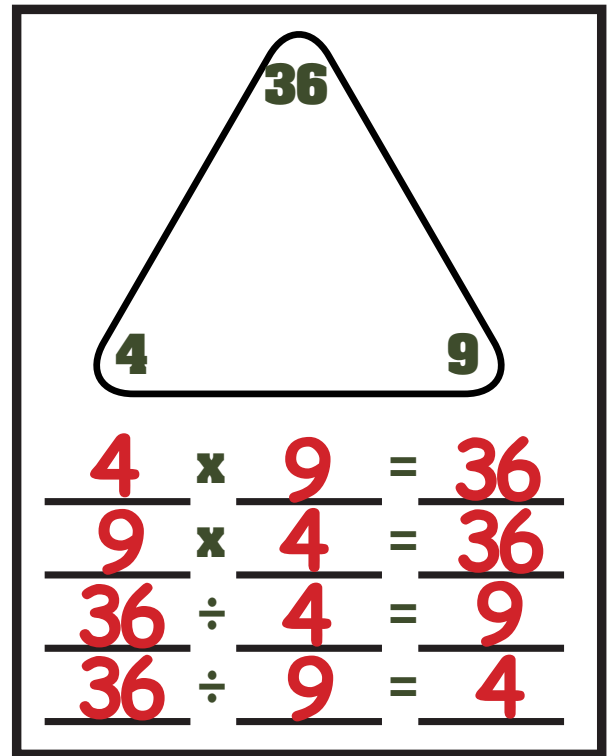
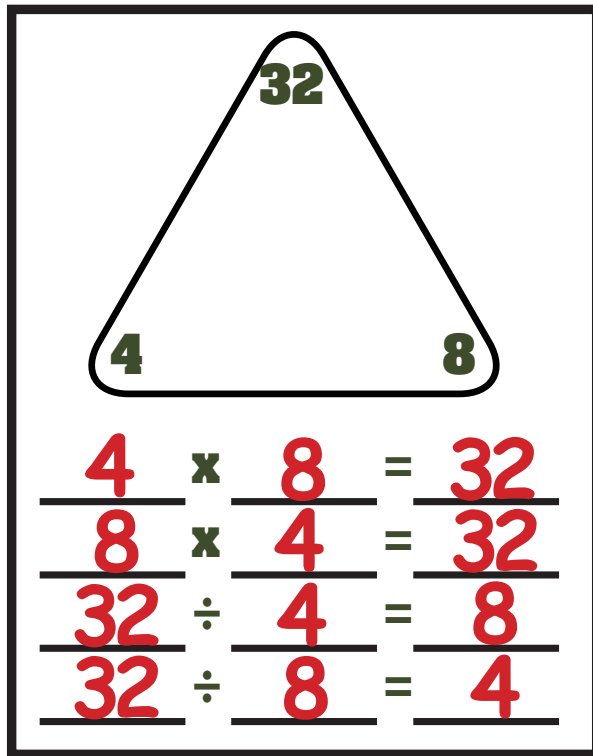
TRIANGLE FACT FAMILY



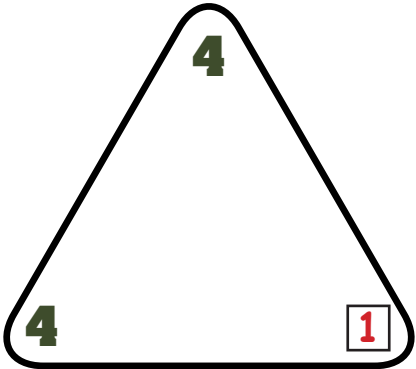
TRIANGLE FACT FAMILY



TRIANGLE FACT FAMILY



TRIANGLE FACT FAMILY



4

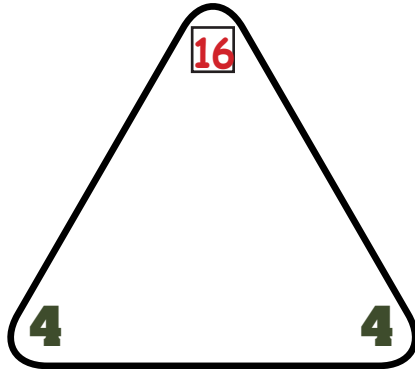
4

1

$$\begin{array}{r} 4 \\ \times 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 1 \\ \times 4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 4 \\ \div 4 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 4 \\ \div 1 \\ \hline 4 \end{array}$$


16

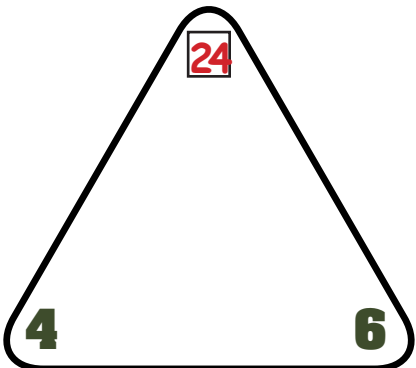
4

4

$$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 16 \\ \div 4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 16 \\ \div 4 \\ \hline 4 \end{array}$$


24

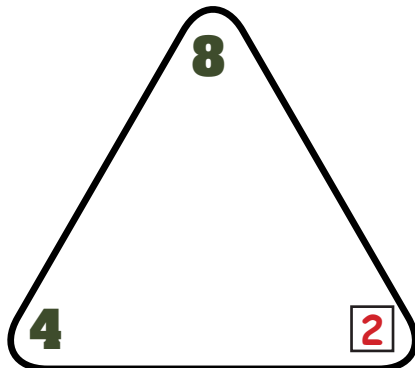
4

6

$$\begin{array}{r} 4 \\ \times 6 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 24 \\ \div 4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 24 \\ \div 6 \\ \hline 4 \end{array}$$


8

4

2

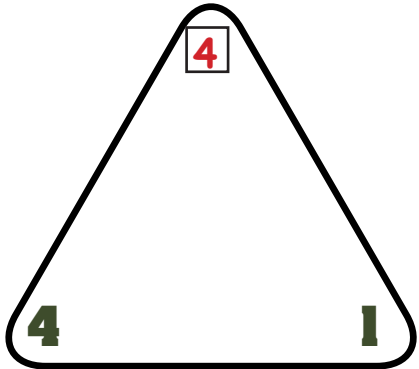
$$\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 8 \\ \div 4 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 8 \\ \div 2 \\ \hline 4 \end{array}$$

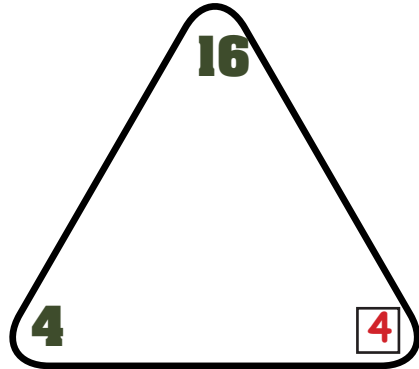
TRIANGLE FACT FAMILY



$$\begin{array}{r} 4 \\ \hline 1 \end{array} \times \begin{array}{r} 1 \\ \hline 4 \end{array} = \begin{array}{r} 4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 1 \\ \hline 4 \end{array} \times \begin{array}{r} 4 \\ \hline 1 \end{array} = \begin{array}{r} 4 \\ \hline 4 \end{array}$$

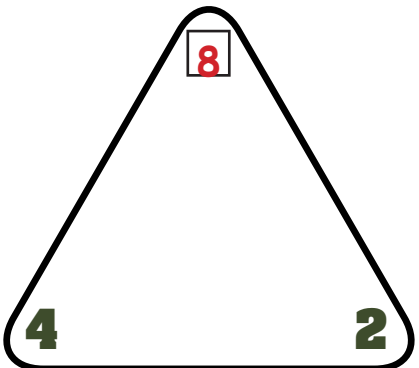
$$\begin{array}{r} 4 \\ \hline 4 \end{array} \div \begin{array}{r} 4 \\ \hline 1 \end{array} = \begin{array}{r} 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 4 \\ \hline 4 \end{array} \div \begin{array}{r} 1 \\ \hline 4 \end{array} = \begin{array}{r} 4 \\ \hline 4 \end{array}$$


$$\begin{array}{r} 4 \\ \hline 4 \end{array} \times \begin{array}{r} 4 \\ \hline 4 \end{array} = \begin{array}{r} 16 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 4 \\ \hline 4 \end{array} \times \begin{array}{r} 4 \\ \hline 4 \end{array} = \begin{array}{r} 16 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 16 \\ \hline 16 \end{array} \div \begin{array}{r} 4 \\ \hline 4 \end{array} = \begin{array}{r} 4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 16 \\ \hline 16 \end{array} \div \begin{array}{r} 4 \\ \hline 4 \end{array} = \begin{array}{r} 4 \\ \hline 4 \end{array}$$


$$\begin{array}{r} 4 \\ \hline 2 \end{array} \times \begin{array}{r} 2 \\ \hline 4 \end{array} = \begin{array}{r} 8 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 2 \\ \hline 4 \end{array} \times \begin{array}{r} 4 \\ \hline 2 \end{array} = \begin{array}{r} 8 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 8 \\ \hline 8 \end{array} \div \begin{array}{r} 4 \\ \hline 2 \end{array} = \begin{array}{r} 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 8 \\ \hline 8 \end{array} \div \begin{array}{r} 2 \\ \hline 4 \end{array} = \begin{array}{r} 4 \\ \hline 4 \end{array}$$

WORD PROBLEM

MODEL YOUR THINKING AND SOLVE THE PROBLEM

THE BAKERY HAD 4 ROWS OF DONUTS. THERE WERE 4 DONUTS IN EACH ROW. HOW MANY DONUTS DID THEY HAVE ALTOGETHER?

$$\underline{4} \times \underline{4} = \underline{16}$$

THE BAKERY HAD 4 BOXES WITH 8 DONUTS IN EACH BOX. HOW MANY DONUTS DID THEY HAVE?

$$\underline{4} \times \underline{8} = \underline{32}$$

THERE WERE 4 BAGS OF DONUTS IN THE BAKERY. EACH BAG HAD 3 DONUTS INSIDE. HOW MANY DONUTS WERE THERE ALTOGETHER?

$$\underline{4} \times \underline{3} = \underline{12}$$

THE BAKERY HAD 4 BOXES OF DONUTS WITH 10 DONUTS IN EACH BOX. HOW MANY DONUTS DID THEY HAVE ALTOGETHER?

$$\underline{4} \times \underline{10} = \underline{40}$$

QUIZ

WRITE A 4'S FACT IN EACH BOX. THEN FOLLOW THE INSTRUCTIONS IN EACH BOX TO MATCH THE FACT.

**I CAN SKIP COUNT
BY 4'S!**

**I CAN REPRESENT 4'S
WITH EQUAL GROUPS!**

**I CAN REPRESENT 4'S
WITH ARRAYS!**

**I CAN REPRESENT 4'S
ON THE NUMBER LINE.**

**I CAN USE REPEATED
ADDITION FOR MY 4'S.**

**MY STRATEGY FOR
THINKING ABOUT 4'S IS...**

CERTIFICATE

★ GREAT MATH WORK! ★

HAS SUCCESSFULLY PRACTICED THE
4 TIMES TABLES!

GREAT JOB!

TEACHER: _____ DATE: _____

4

Multiplication

$$\begin{aligned}4 \times 1 &= 4 \\4 \times 2 &= 8 \\4 \times 3 &= 12 \\4 \times 4 &= 16 \\4 \times 5 &= 20 \\4 \times 6 &= 24 \\4 \times 7 &= 28 \\4 \times 8 &= 32 \\4 \times 9 &= 36 \\4 \times 10 &= 40\end{aligned}$$

Hint: Doubles, 2's +
Double 2's

4

MULTIPLICATION

$$\begin{aligned}4 \times 1 &= 4 \\4 \times 2 &= 8 \\4 \times 3 &= 12 \\4 \times 4 &= 16 \\4 \times 5 &= 20 \\4 \times 6 &= 24 \\4 \times 7 &= 28 \\4 \times 8 &= 32 \\4 \times 9 &= 36 \\4 \times 10 &= 40\end{aligned}$$

Hint: Doubles, 2's +
Double 2's

4

MULTIPLICATION

$$\begin{aligned}4 \times 1 &= 4 \\4 \times 2 &= 8 \\4 \times 3 &= 12 \\4 \times 4 &= 16 \\4 \times 5 &= 20 \\4 \times 6 &= 24 \\4 \times 7 &= 28 \\4 \times 8 &= 32 \\4 \times 9 &= 36 \\4 \times 10 &= 40\end{aligned}$$

Hint: Doubles, 2's +
Double 2's