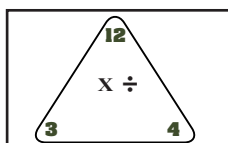


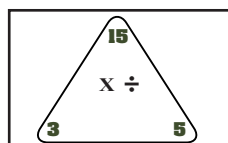
DIVIDING by 3

WORK BOOKLET

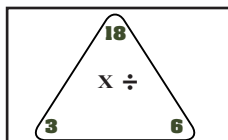
TRIANGLE FACT FAMILY



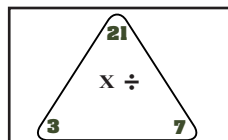
\times _____ = _____
 \times _____ = _____
 \div _____ = _____
 \div _____ = _____



\times _____ = _____
 \times _____ = _____
 \div _____ = _____
 \div _____ = _____

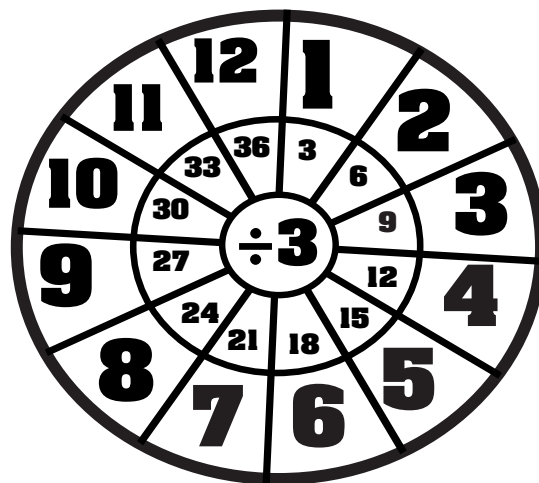


\times _____ = _____
 \times _____ = _____
 \div _____ = _____
 \div _____ = _____

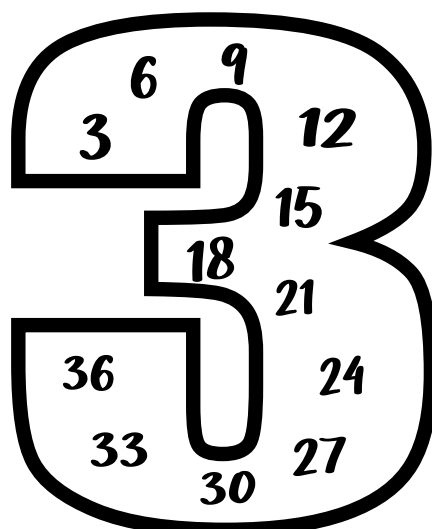


\times _____ = _____
 \times _____ = _____
 \div _____ = _____
 \div _____ = _____

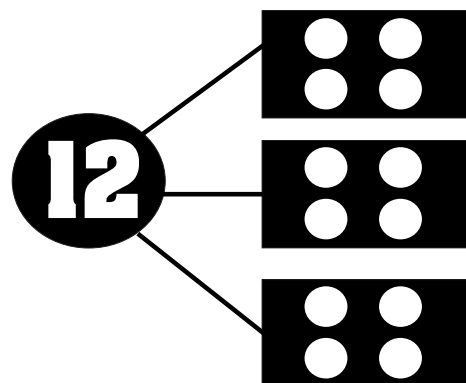
DIVISION WHEELS



MULTIPLES OF 3



Division Strategies: PARTITION

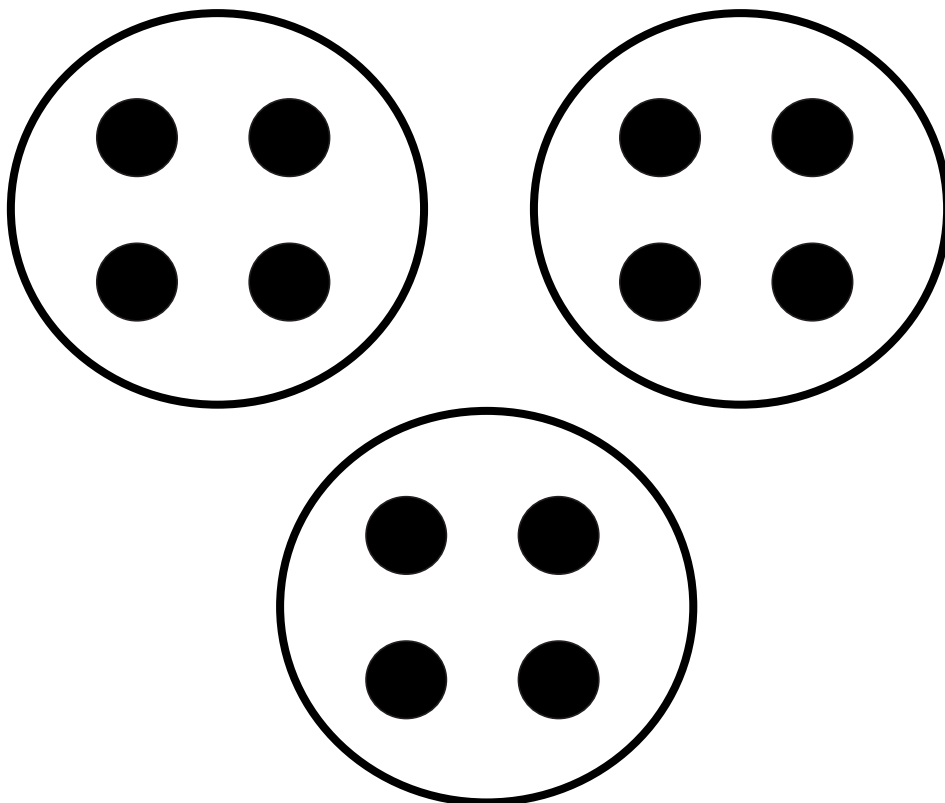


$$12 \div 3 = 4$$

STRATEGY POSTER

**When dividing by 3,
think multiplication! $3 \times ? =$**

$$12 \div 3 = 4$$



**Hint: When dividing by 3. Think
multiplication $3 \times ? = 12$**

DIVISION

$$15 \div 3 = 5$$



DIVIDEND

DIVISOR

QUOTIENT

MULTIPLES OF THREE

3



6



9



12



15



18



21



24



27



30



33



36



MULTIPLES OF THREE

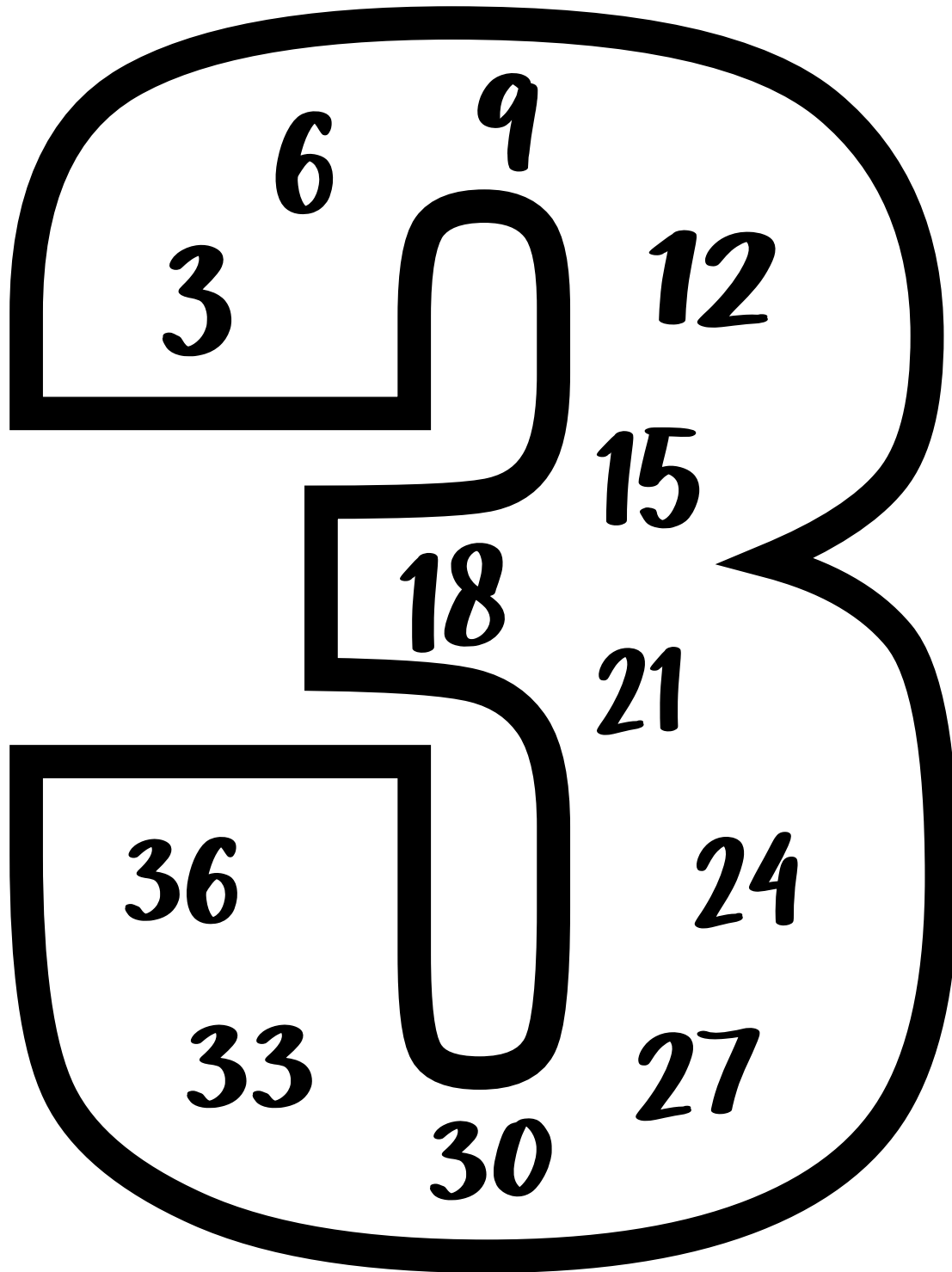
3  6  9 

12  15  18 

21  24  27 

30  33  36 

MULTIPLES OF 3



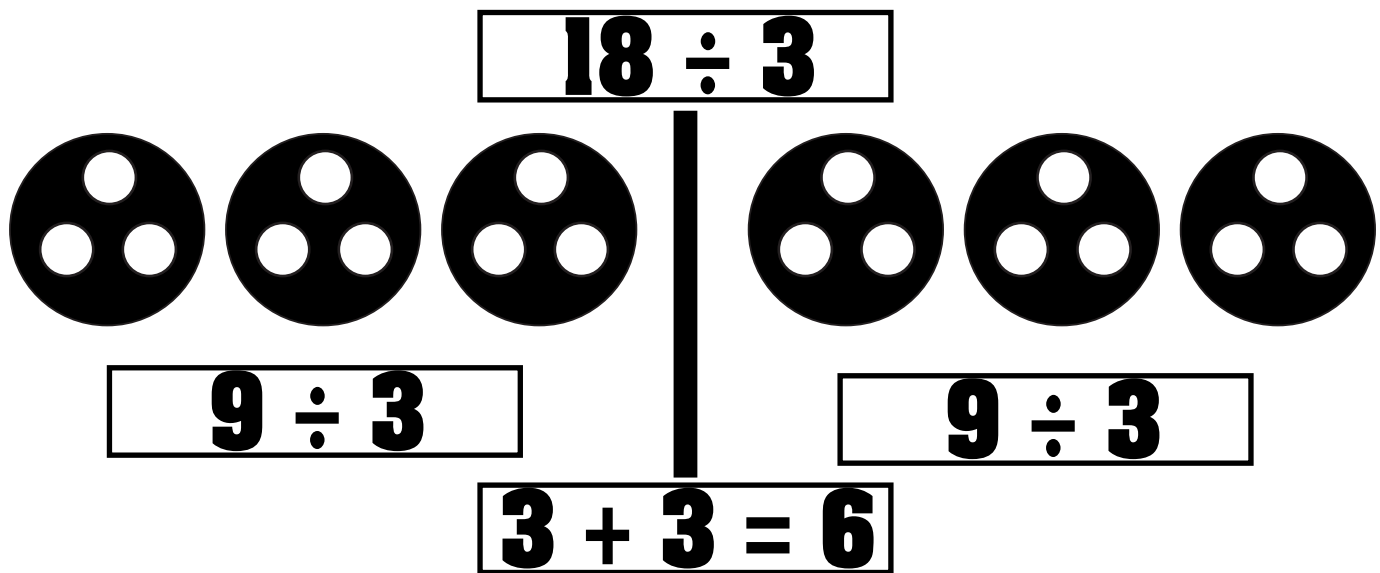


VOCABULARY

DISTRIBUTIVE PROPERTY

There were 18 marbles. I put 3 in each bag. How many bags did I use?

$$18 \div 3 = (9 \div 3) + (9 \div 3) = 3 + 3 = 6$$



MODEL THE FACT

There were 12 marbles. I put 3 in each bag. How many bags did I use?

$$12 \div 3 = (6 \div 3) + (6 \div 3)$$

IDENTITY PROPERTY

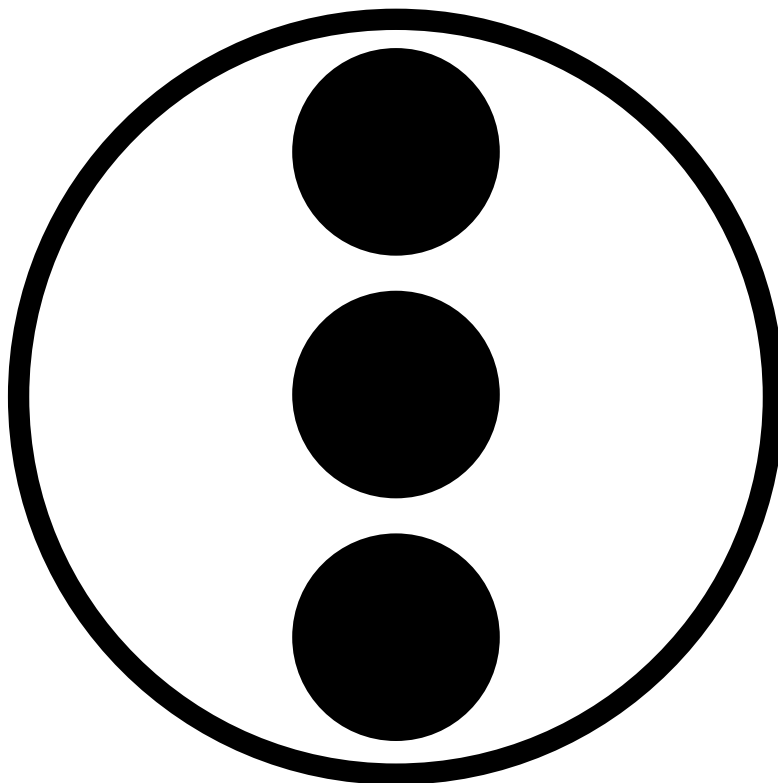
DIVIDING A NUMBER BY 1

$$3 \div 1 = 3$$

$$10 \div 1$$

$$5 \div 1$$

$$7 \div 1$$



**Hint : It's always the number when
you divide by 1.**

ZERO PROPERTY

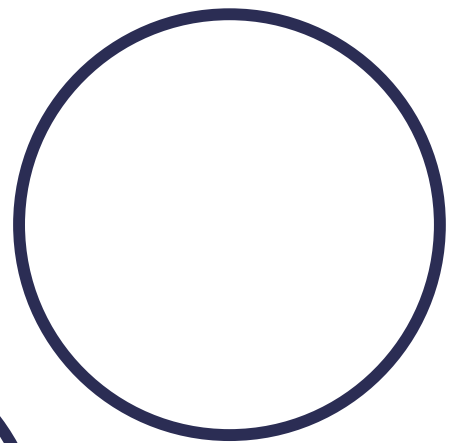
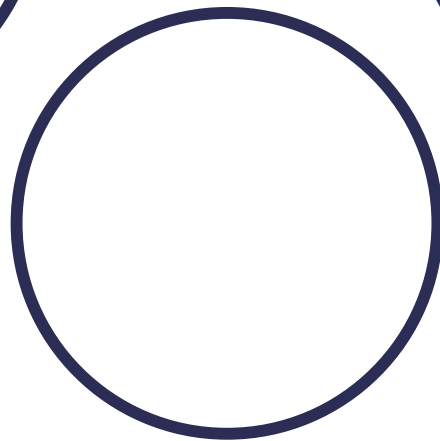
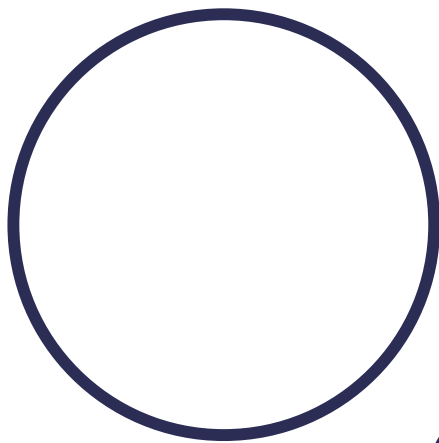
DIVIDING 0 BY A NUMBER

$$0 \div 3 = 0$$

$$0 \div 8$$

$$0 \div 1$$

$$0 \div 2$$



Hint: It's always 0 when you divide zero by a number.

DIVISION BY ITSELF PROPERTY

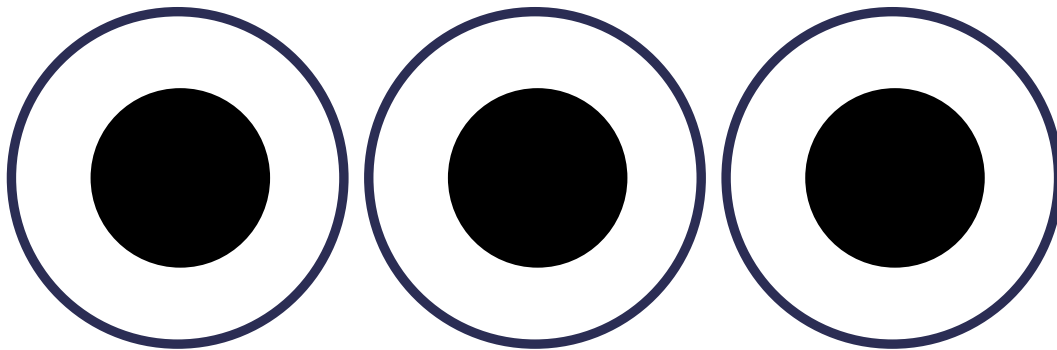
DIVIDING A NUMBER BY ITSELF

$$3 \div 3 = 1$$

$$10 \div 10$$

$$5 \div 5$$

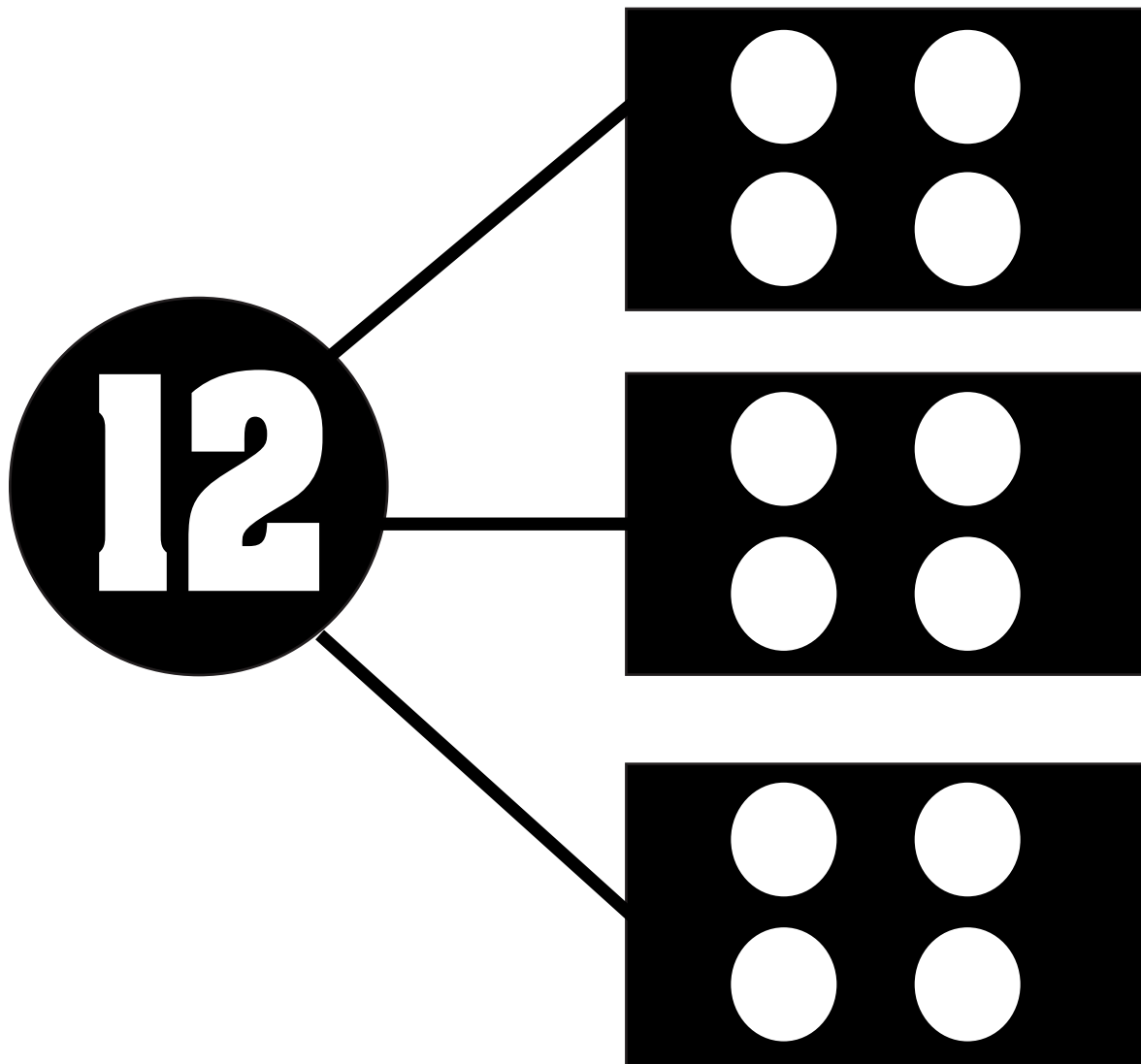
$$8 \div 8$$



Hint : It's always 1 when you divide a number by itself.

Division Strategies:

PARTITION



$$12 \div 3 = 4$$

Division Strategies:

PARTITION

$$3 \div 3 = 1$$

$$6 \div 3 = 2$$

$$9 \div 3 = 3$$

Division Strategies:

PARTITION

$$12 \div 3 = 4$$

$$15 \div 3 = 5$$

$$18 \div 3 = 6$$

Division Strategies:

PARTITION

$$21 \div 3 = 7$$

$$24 \div 3 = 8$$

$$27 \div 3 = 9$$

Division Strategies:

PARTITION

$$30 \div 3 = 10$$

FREE CHOICE

FREE CHOICE

Division Strategies:

RELATED FACT

$$21 \div 3 = \underline{\quad}$$

think

$$3 \times \underline{\quad} = 21$$

$$3 \div 3 = \underline{\quad}$$

think

$$3 \times \underline{\quad} = 3$$

$$15 \div 3 = \underline{\quad}$$

think

$$3 \times \underline{\quad} = 15$$

$$27 \div 3 = \underline{\quad}$$

think

$$3 \times \underline{\quad} = 27$$

Division Strategies:

RELATED FACT

$$9 \div 3 = \underline{\quad}$$

think

$$3 \times \underline{\quad} = 9$$

$$30 \div 3 = \underline{\quad}$$

think

$$3 \times \underline{\quad} = 30$$

$$6 \div 3 = \underline{\quad}$$

think

$$3 \times \underline{\quad} = 6$$

$$18 \div 3 = \underline{\quad}$$

think

$$3 \times \underline{\quad} = 18$$

Division Strategies:

RELATED FACT

$$12 \div 3 = \underline{\quad}$$

think

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

$$24 \div 3 = \underline{\quad}$$

think

$$3 \times \underline{\quad} = 24$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

think

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

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

think

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

Division Strategies:

REPEATED SUBTRACTION

$$18 \div 3 = ?$$

$$18 - 3 = 15$$

$$15 - 3 = 12$$

$$12 - 3 = 9$$

$$9 - 3 = 6$$

$$6 - 3 = 3$$

$$3 - 3 = 0$$

$$18 \div 3 = \boxed{6}$$

Division Strategies:

REPEATED SUBTRACTION

$$18 \div 3 = ?$$

$$18 - \underline{\quad} = 15$$

$$\underline{\quad} - 3 = 12$$

$$\underline{\quad} - 3 = 9$$

$$9 - \underline{\quad} = 6$$

$$6 - \underline{\quad} = 3$$

$$\underline{\quad} - 3 = 0$$

$$18 \div 3 = \boxed{\quad}$$

Division Strategies:

REPEATED SUBTRACTION

$$21 \div 3 = ?$$

$$21 - \underline{\quad} = 18$$

$$18 - \underline{\quad} = 15$$

$$\underline{\quad} - 3 = 12$$

$$\underline{\quad} - 3 = 9$$

$$9 - \underline{\quad} = 6$$

$$6 - \underline{\quad} = 3$$

$$\underline{\quad} - 3 = 0$$

$$21 \div 3 = \square$$

Division Strategies:

REPEATED SUBTRACTION

$$15 \div 3 = ?$$

$$\underline{\quad} - 3 = 12$$

$$\underline{\quad} - 3 = 9$$

$$9 - \underline{\quad} = 6$$

$$6 - \underline{\quad} = 3$$

$$\underline{\quad} - 3 = 0$$

$$15 \div 3 = \square$$

Division Strategies:

REPEATED SUBTRACTION

$$24 \div 3 = ?$$

$$24 - \underline{\quad} = 21$$

$$21 - \underline{\quad} = 18$$

$$18 - \underline{\quad} = 15$$

$$\underline{\quad} - 3 = 12$$

$$\underline{\quad} - 3 = 9$$

$$9 - \underline{\quad} = 6$$

$$6 - \underline{\quad} = 3$$

$$\underline{\quad} - 3 = 0$$

$$24 \div 3 = \square$$

Division Strategies:

REPEATED SUBTRACTION

$$30 \div 3 = ?$$

$$30 - \underline{\quad} = 27$$

$$27 - \underline{\quad} = 24$$

$$24 - \underline{\quad} = 21$$

$$21 - \underline{\quad} = 18$$

$$18 - \underline{\quad} = 15$$

$$\underline{\quad} - 3 = 12$$

$$\underline{\quad} - 3 = 9$$

$$9 - \underline{\quad} = 6$$

$$\underline{\quad} - 3 = 3$$

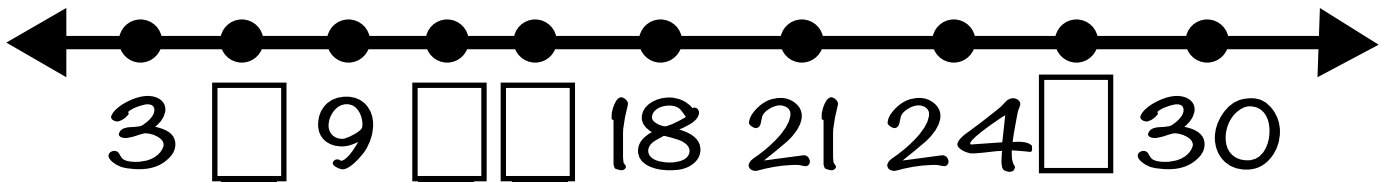
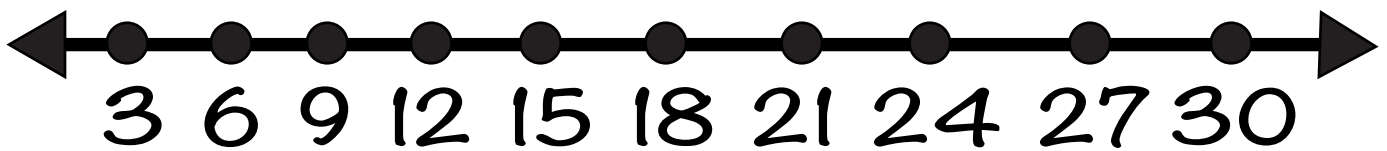
$$\underline{\quad} - 3 = 0$$

$$30 \div 3 = \square$$

Modeling Division

SKIP COUNTING

DRAW ON A NUMBER LINE



FILL IN THE MISSING NUMBERS

3	<input type="text"/>	9	<input type="text"/>	15	<input type="text"/>	21	<input type="text"/>	<input type="text"/>	30
---	----------------------	---	----------------------	----	----------------------	----	----------------------	----------------------	----

<input type="text"/>	<input type="text"/>	9	<input type="text"/>	15	<input type="text"/>	21	<input type="text"/>	<input type="text"/>	30
----------------------	----------------------	---	----------------------	----	----------------------	----	----------------------	----------------------	----

Modeling Division

SKIP COUNTING

FILL IN THE MISSING NUMBERS

3		9				21			30
---	--	---	--	--	--	----	--	--	----

FILL IN THE MISSING NUMBERS

	6		12			21		27	
--	---	--	----	--	--	----	--	----	--

FILL IN THE MISSING NUMBERS

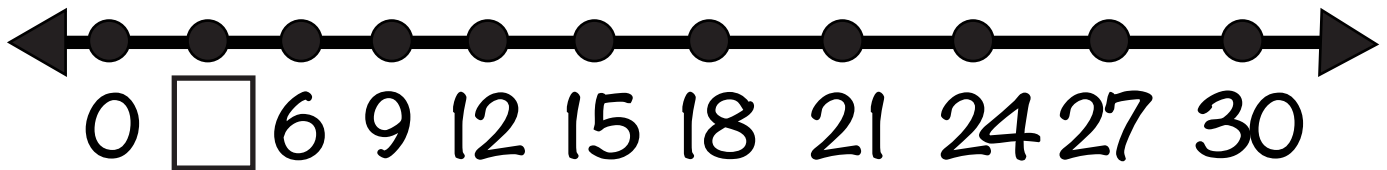
	6		12				24		30
--	---	--	----	--	--	--	----	--	----

FILL IN THE MISSING NUMBERS

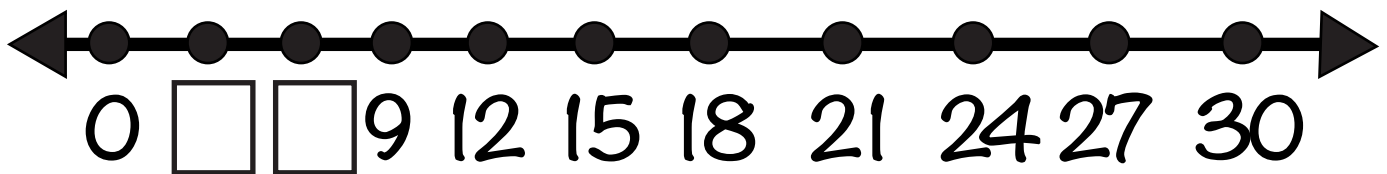
3		9		15		21		27	
---	--	---	--	----	--	----	--	----	--

Division Strategies: **SKIP COUNTING**

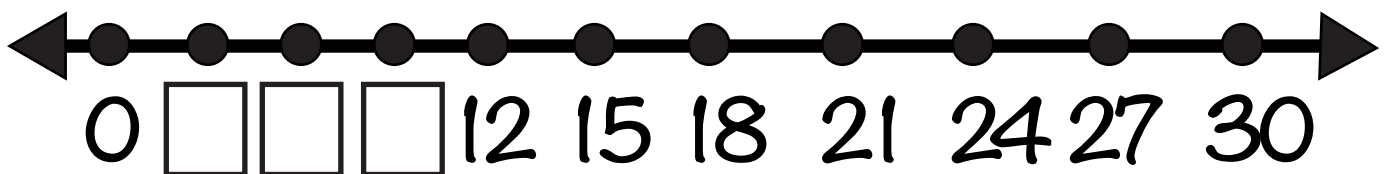
MODEL $3 \div 3$ ON THE NUMBER LINE.



MODEL $6 \div 3$ ON THE NUMBER LINE.

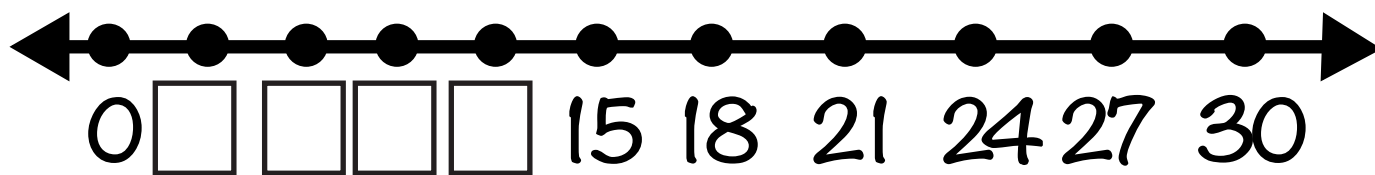


MODEL $9 \div 3$ ON THE NUMBER LINE.

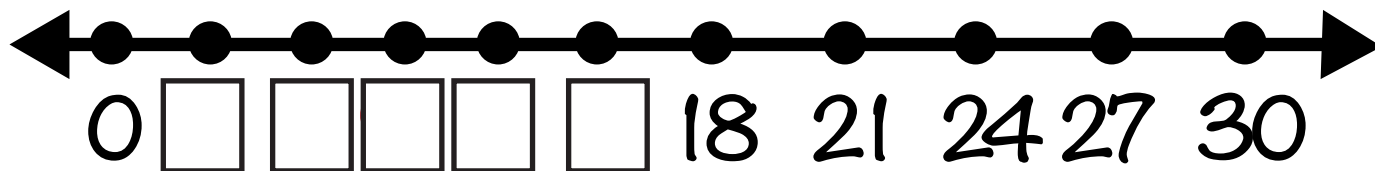


Division Strategies: **SKIP COUNTING**

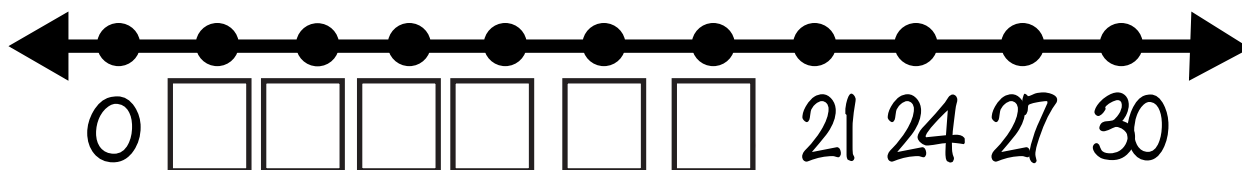
MODEL $12 \div 3$ ON THE NUMBER LINE.



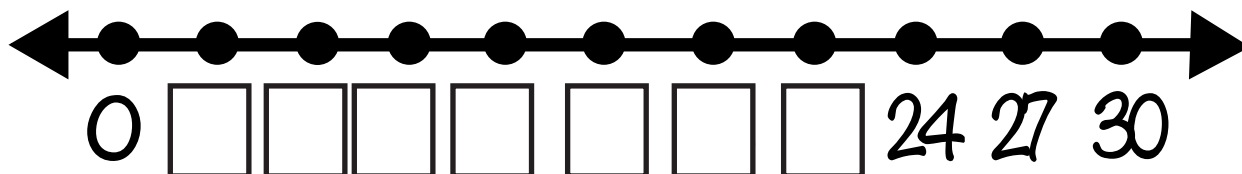
MODEL $15 \div 3$ ON THE NUMBER LINE.



MODEL $18 \div 3$ ON THE NUMBER LINE.

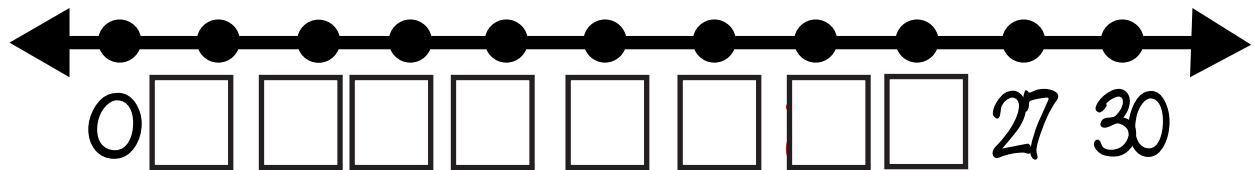


MODEL $21 \div 3$ ON THE NUMBER LINE.

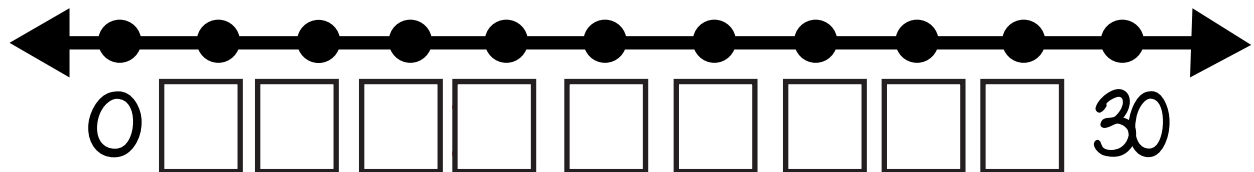


Division Strategies: **SKIP COUNTING**

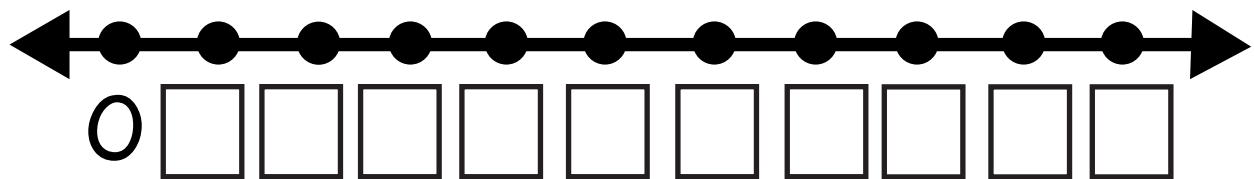
MODEL $24 \div 3$ ON THE NUMBER LINE.



MODEL $27 \div 3$ ON THE NUMBER LINE.



MODEL $30 \div 3$ ON THE NUMBER LINE.

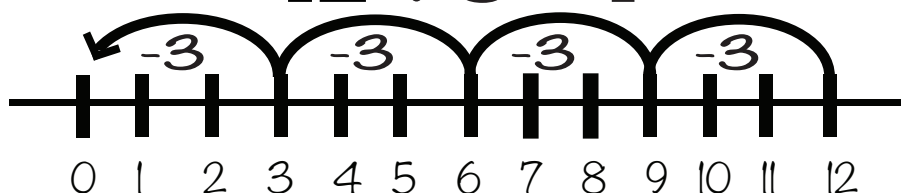


Division Strategies:

NUMBER LINES

THERE ARE 12 COOKIES AND YOU PUT 3 IN A BAG. HOW MANY BAGS DO YOU HAVE?

$$12 \div 3 = 4$$



HOW MANY JUMPS UNTIL YOU GET TO ZERO?

THE FIRST NUMBER IS HOW MANY COOKIES? (DIVIDEND). THE SECOND NUMBER IS HOW MANY ARE IN A BAG (DIVISOR). THE QUESTION IS HOW MANY BAGS DO YOU NEED (QUOTIENT)?

SOLVE THE PROBLEM ON THE NUMBER LINE.

HOW MANY JUMPS UNTIL YOU GET TO ZERO?

$$3 \div 3$$



$$6 \div 3$$



$$9 \div 3$$



$$12 \div 3$$



Division Strategies:

NUMBER LINES

$15 \div 3$



$18 \div 3$



$21 \div 3$



$24 \div 3$



$27 \div 3$



$30 \div 3$



Division Strategies: **SKIP COUNTING CHART**

3

6

9

12

15

18

21

24

27

30

Division Vocabulary

dividend

divisor

quotient

$$15 \div 3 = 5$$

divisor

$$\begin{array}{r} 5 \\ 3 \overline{) 15} \end{array}$$

quotient

dividend

dividend

$$\frac{15}{3} = 5$$

quotient

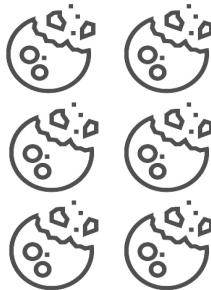
divisor

Array Flashcards

USE THE MODEL TO SOLVE



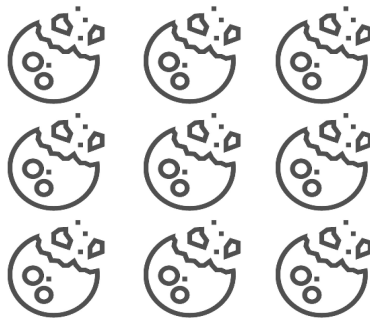
$$3 \div 3 = \underline{\quad}$$



$$6 \div 3 = \underline{\quad}$$

Array Flashcards

USE THE MODEL TO SOLVE



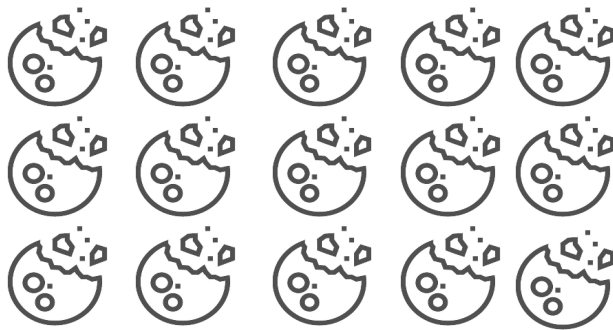
$$9 \div 3 = \underline{\quad}$$



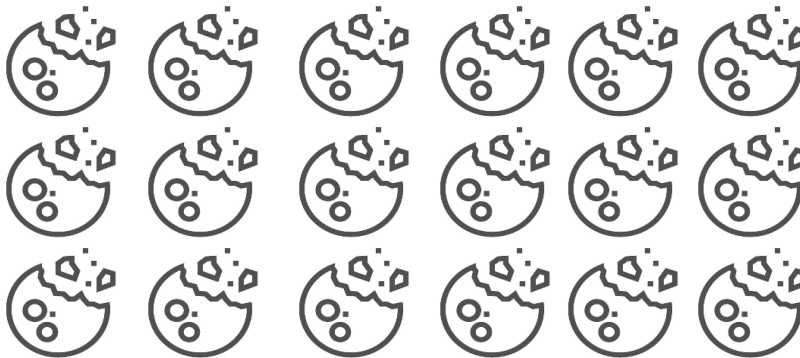
$$12 \div 3 = \underline{\quad}$$

Array Flashcards

USE THE MODEL TO SOLVE



$$15 \div 3 = \underline{\quad}$$



$$18 \div 3 = \underline{\quad}$$

Array Flashcards

USE THE MODEL TO SOLVE



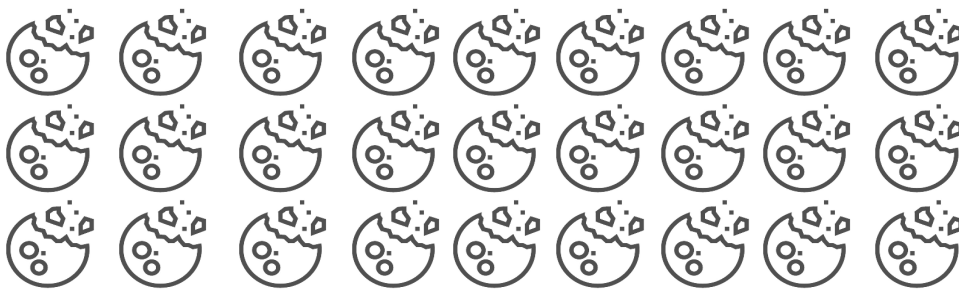
$$21 \div 3 = \underline{\quad}$$



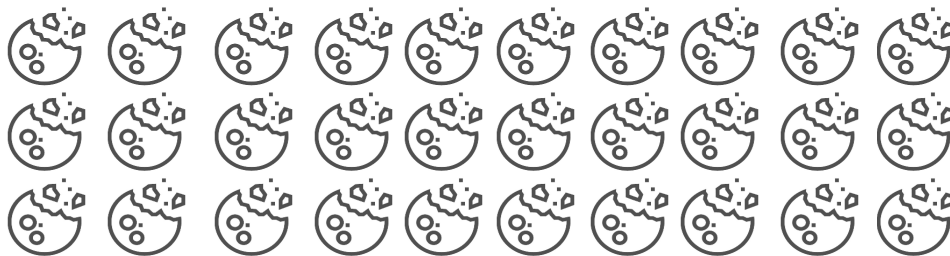
$$24 \div 3 = \underline{\quad}$$

Array Flashcards

USE THE MODEL TO SOLVE



$$27 \div 3 = \underline{\quad}$$



$$30 \div 3 = \underline{\quad}$$

Array Flashcards

**WRITE AN EQUATION THAT
MATCHES THE ARRAY.**

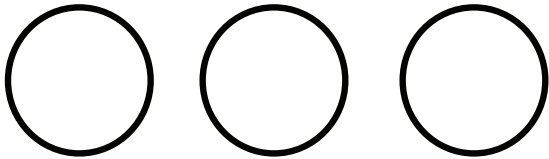
FREE CHOICE

FREE CHOICE

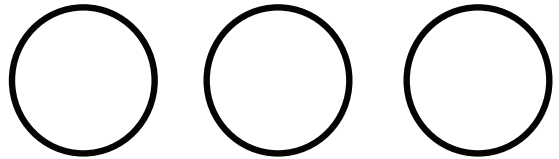
Equal Group Flashcards

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

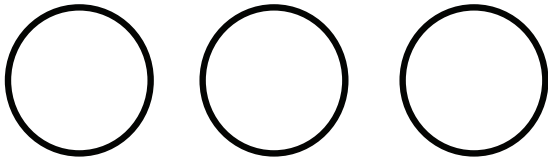
$$3 \div 3 = \underline{\quad}$$



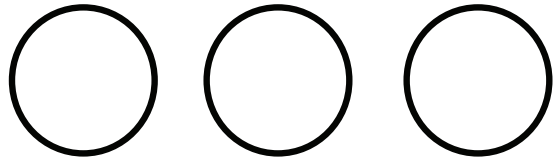
$$6 \div 3 = \underline{\quad}$$



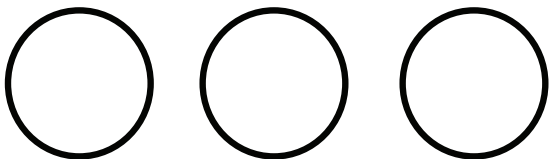
$$9 \div 3 = \underline{\quad}$$



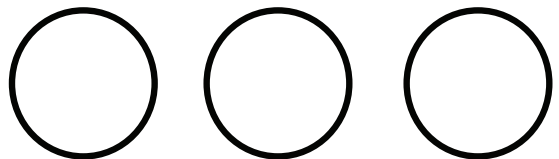
$$12 \div 3 = \underline{\quad}$$



$$15 \div 3 = \underline{\quad}$$



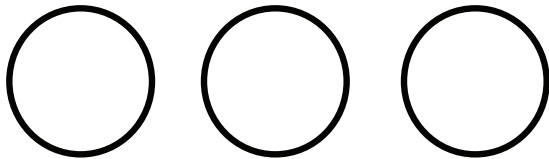
$$18 \div 3 = \underline{\quad}$$



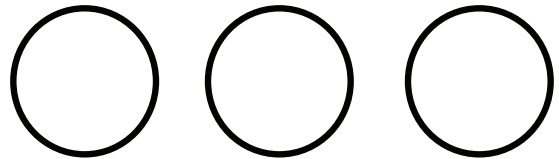
Equal Group Flashcards

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

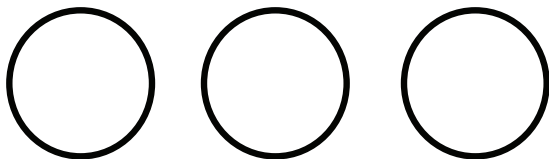
$$21 \div 3 = \underline{\quad}$$



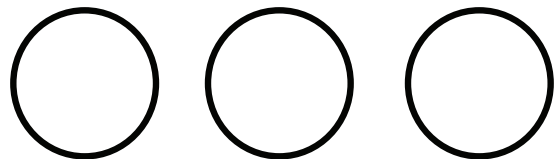
$$24 \div 3 = \underline{\quad}$$



$$27 \div 3 = \underline{\quad}$$



$$30 \div 3 = \underline{\quad}$$



Regular Flashcards

$$0 \div 3$$

$$3 \div 3$$


$$6 \div 3$$

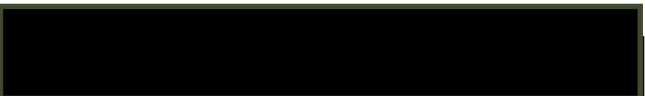
$$9 \div 3$$


$$12 \div 3$$


$$15 \div 3$$


Regular Flashcards


$$18 \div 3$$


$$21 \div 3$$


$$24 \div 3$$


$$27 \div 3$$


$$30 \div 3$$

Dividing by 3 Calling Cards

0	1	2	3	4
5	6	7	8	9
		10		

Dividing by 3 4 IN A ROW

CHECK YOUR
ANSWERS USING
YOUR BOOKMARK.

$27 \div 3 = ?$

$6 \div 3 = ?$

$30 \div 3 = ?$

$15 \div 3 = ?$

$0 \div 3 = ?$

$15 \div 3 = ?$

$18 \div 3 = ?$

$21 \div 3 = ?$

$24 \div 3 = ?$

$27 \div 3 = ?$

$30 \div 3 = ?$

$9 \div 3 = ?$

$9 \div 3 = ?$

$3 \div 3 = ?$

$18 \div 3 = ?$

$12 \div 3 = ?$

$6 \div 3 = ?$

$15 \div 3 = ?$

$0 \div 3 = ?$

$21 \div 3 = ?$

$3 \div 3 = ?$

$9 \div 3 = ?$

$24 \div 3 = ?$

$12 \div 3 = ?$

$30 \div 3 = ?$

$0 \div 3 = ?$

$21 \div 3 = ?$

$6 \div 3 = ?$

$15 \div 3 = ?$

$24 \div 3 = ?$

$9 \div 3 = ?$

$21 \div 3 = ?$

$18 \div 3 = ?$

$0 \div 3 = ?$

$6 \div 3 = ?$

$30 \div 3 = ?$

$12 \div 3 = ?$

$15 \div 3 = ?$

$30 \div 3 = ?$

$24 \div 3 = ?$

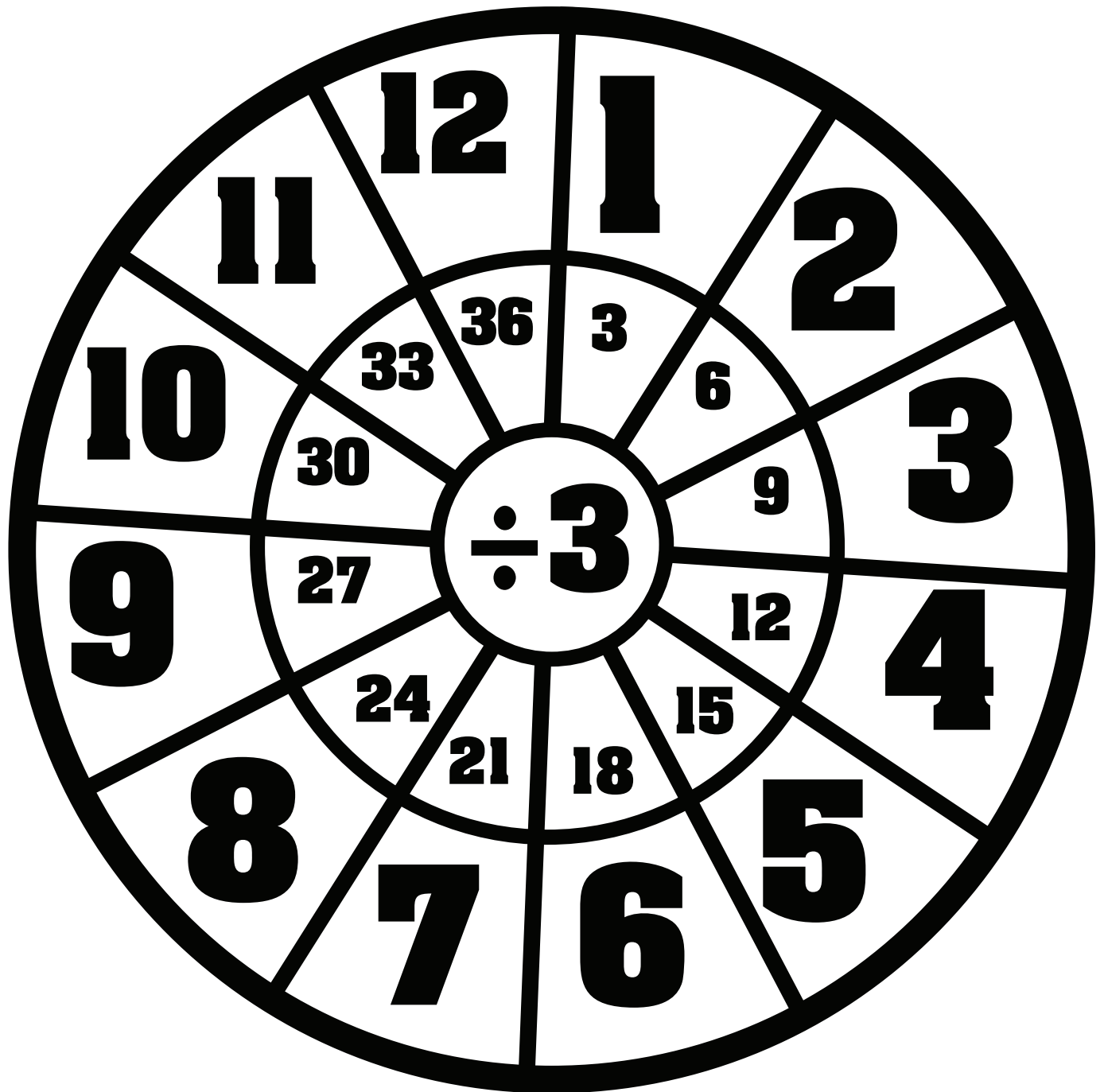
$21 \div 3 = ?$

$27 \div 3 = ?$

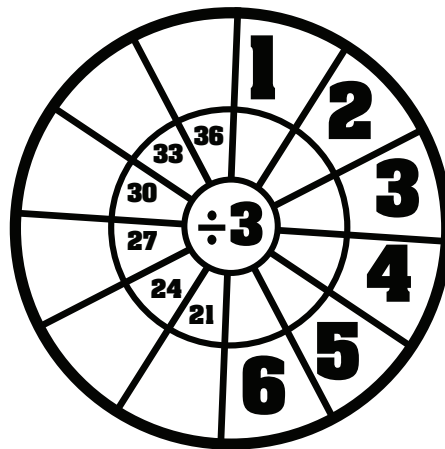
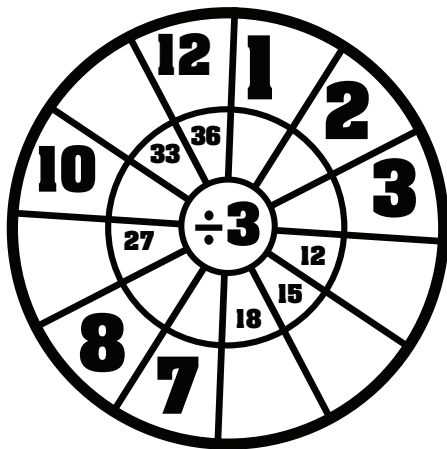
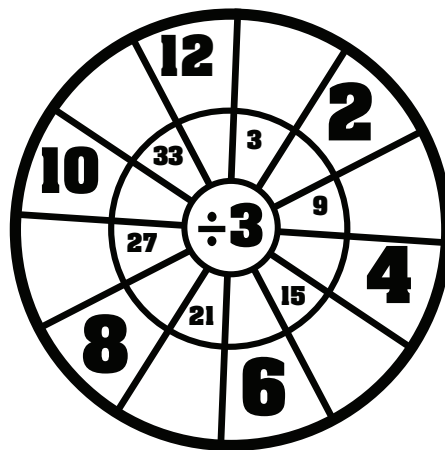
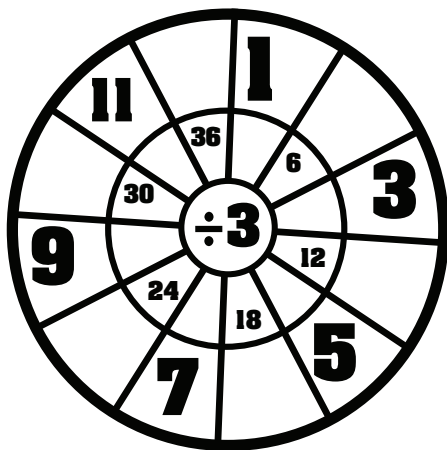
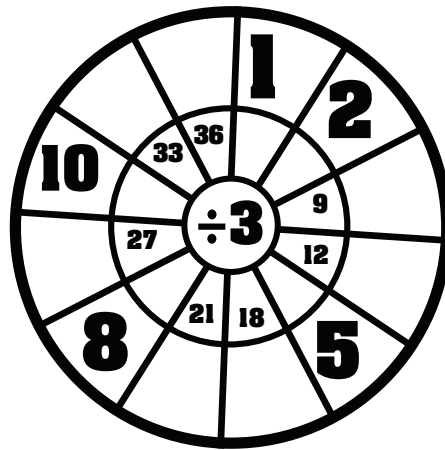
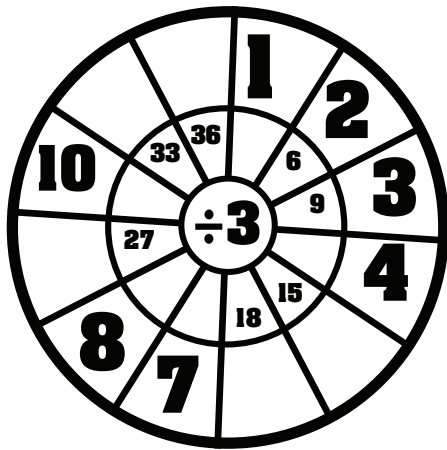
Instructions:

1. Each person pulls a card. Whoever has the largest number starts.
2. Take turns pulling a card and cover the expression that matches that quotient.
3. The first player to get 4 in a row wins!
4. Play again!

DIVISION WHEELS



DIVISION WHEELS



PICTURE FACT FAMILY



$$\begin{array}{rcl} \underline{\hspace{1cm}} & \times & \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} & \times & \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} & \div & \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} & \div & \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \end{array}$$



$$\begin{array}{rcl} \underline{\hspace{1cm}} & \times & \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} & \times & \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} & \div & \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} & \div & \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \end{array}$$



$$\begin{array}{rcl} \underline{\hspace{1cm}} & \times & \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} & \times & \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} & \div & \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} & \div & \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \end{array}$$



$$\begin{array}{rcl} \underline{\hspace{1cm}} & \times & \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} & \times & \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} & \div & \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} & \div & \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \end{array}$$

PICTURE FACT FAMILY



$$\begin{array}{rcl} \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} & \div & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} & \div & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \end{array}$$



$$\begin{array}{rcl} \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} & \div & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} & \div & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \end{array}$$




$$\begin{array}{rcl} \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} & \div & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} & \div & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \end{array}$$



$$\begin{array}{rcl} \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} & \div & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} & \div & \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \end{array}$$

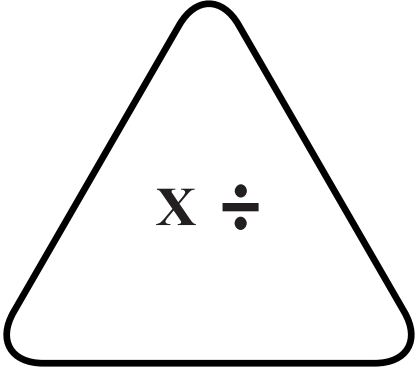
PICTURE FACT FAMILY

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

MAKE YOUR OWN

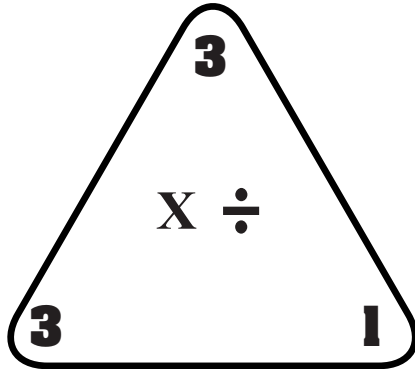
_____	x	_____	=	_____
_____	x	_____	=	_____
_____	÷	_____	=	_____
_____	÷	_____	=	_____

TRIANGLE FACT FAMILY



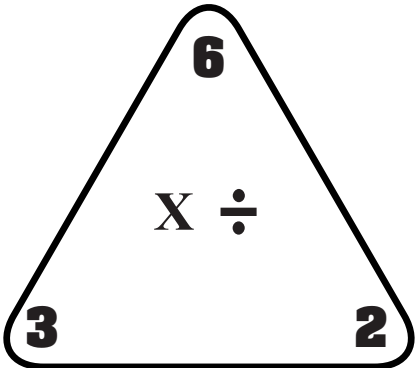
$\times \div$

	x		=	
	x		=	
	\div		=	
	\div		=	



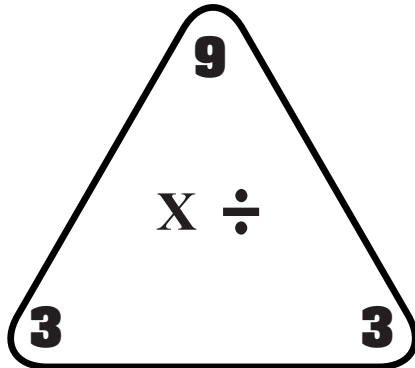
$\times \div$

	x		=	
	x		=	
	\div		=	
	\div		=	



$\times \div$

	x		=	
	x		=	
	\div		=	
	\div		=	



$\times \div$

	x		=	
	x		=	
	\div		=	
	\div		=	

TRIANGLE FACT FAMILY

12

X ÷

3 **4**

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

15

X ÷

3 **5**

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

18

X ÷

3 **6**

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

21

X ÷

3 **7**

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

TRIANGLE FACT FAMILY

24

X ÷

3 8

_____ x _____ = _____

_____ x _____ = _____

_____ ÷ _____ = _____

_____ ÷ _____ = _____

27

X ÷

3 9

_____ x _____ = _____

_____ x _____ = _____

_____ ÷ _____ = _____

_____ ÷ _____ = _____

30

X ÷

3 10

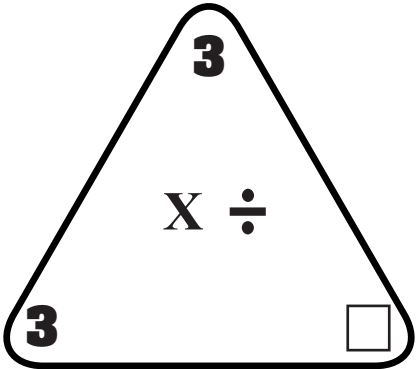
_____ x _____ = _____

_____ x _____ = _____

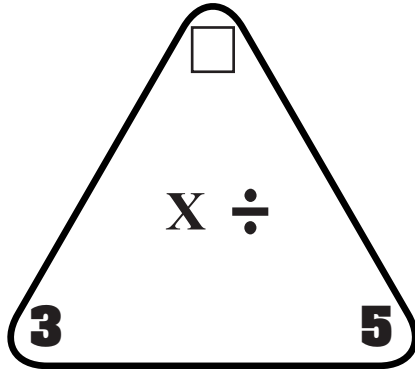
_____ ÷ _____ = _____

_____ ÷ _____ = _____

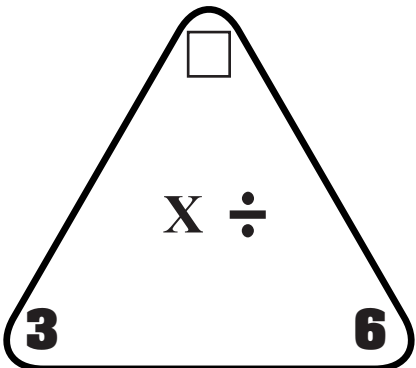
TRIANGLE FACT FAMILY



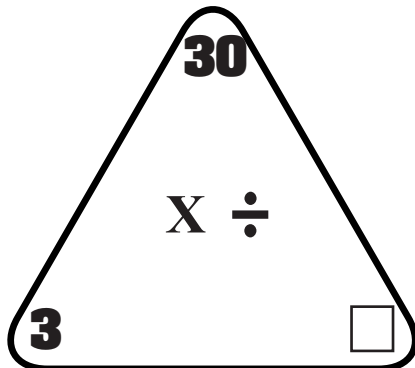
$\underline{\quad} \times \underline{\quad} = \underline{\quad}$
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$
 $\underline{\quad} \div \underline{\quad} = \underline{\quad}$
 $\underline{\quad} \div \underline{\quad} = \underline{\quad}$



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

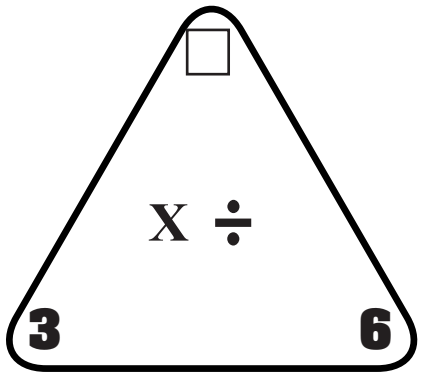


$\underline{\quad} \times \underline{\quad} = \underline{\quad}$
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$
 $\underline{\quad} \div \underline{\quad} = \underline{\quad}$
 $\underline{\quad} \div \underline{\quad} = \underline{\quad}$

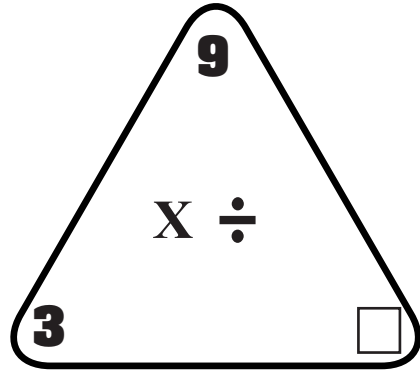


$\underline{\quad} \times \underline{\quad} = \underline{\quad}$
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$
 $\underline{\quad} \div \underline{\quad} = \underline{\quad}$
 $\underline{\quad} \div \underline{\quad} = \underline{\quad}$

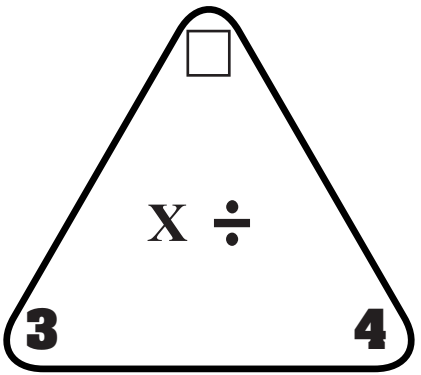
TRIANGLE FACT FAMILY



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



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



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

WORD PROBLEM

MODEL YOUR THINKING AND SOLVE THE PROBLEM.

THE BAKERY HAD 12
DONUTS IN 3 ROWS.
THEY HAD THE SAME
AMOUNT IN EACH ROW.
HOW MANY WERE IN EACH
ROW?

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

THE BAKERY HAD 15
DONUTS. THEY PUT 3 IN
A ROW. HOW MANY
ROWS DID THEY MAKE?

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

THE BAKERY MADE 30
MUFFINS. THEY PACKED 3
IN A BOX. HOW MANY
BOXES DID THEY USE?

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

THE BAKERY MADE 9 HAND
PIES. THEY USED 3
BOXES. THEY PUT THE
SAME AMOUNT OF PIES
IN EACH BOX. HOW MANY
HAND PIES DID THEY PUT
IN EACH BOX?

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

QUIZ

Follow the directions in each box. Choose an equation to represent each problem.

**I CAN SKIP COUNT TO
DIVIDE BY 3'S!**

**I CAN USE EQUAL GROUPS
TO DIVIDE BY 3'S!**

**I CAN USE ARRAYS TO
MODEL DIVIDING BY 3'S!**

**I CAN MODEL DIVIDING BY
3'S ON THE NUMBER LINE!**

**I CAN USE REPEATED
SUBTRACTION TO DIVIDE BY
3'S.**

**MY STRATEGY FOR THINKING
ABOUT DIVIDING BY 3'S IS....**

CERTIFICATE

★ **GREAT MATH WORK!** ★

HAS SUCCESSFULLY PRACTICED DIVIDING

BY 3'S!

GREAT JOB!

TEACHER: _____ DATE: _____

Looking at the 3's

$$3 \div 3 = 1$$

$$6 \div 3 = 2$$

$$9 \div 3 = 3$$

$$12 \div 3 = 4$$

$$15 \div 3 = 5$$

$$18 \div 3 = 6$$

$$21 \div 3 = 7$$

$$24 \div 3 = 8$$

$$27 \div 3 = 9$$

$$30 \div 3 = 10$$

Bookmarks

3

Division

$$3 \div 3 = 1$$

$$6 \div 3 = 2$$

$$9 \div 3 = 3$$

$$12 \div 3 = 4$$

$$15 \div 3 = 5$$

$$18 \div 3 = 6$$

$$21 \div 3 = 7$$

$$24 \div 3 = 8$$

$$27 \div 3 = 9$$

$$30 \div 3 = 10$$

DIVIDING A NUMBER BY 3

Hint: Think Multiplication!

$3 \times ? = _$

3

DIVISION

$$3 \div 3 = 1$$

$$6 \div 3 = 2$$

$$9 \div 3 = 3$$

$$12 \div 3 = 4$$

$$15 \div 3 = 5$$

$$18 \div 3 = 6$$

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DIVIDING A NUMBER BY 3

Hint: Think Multiplication!

$3 \times ? = _$