

DIVIDING by 2

WORK BOOKLET ANSWER KEY

TRIANGLE FACT FAMILY

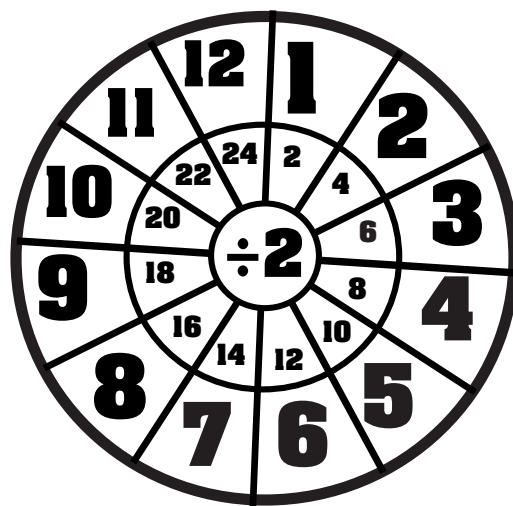
8		
2	$\times \div$	4
$\times$	$\div$	
$\div$	$\times$	
$\div$	$\div$	
$\times$	$\times$	

10		
2	$\times \div$	5
$\times$	$\div$	
$\div$	$\times$	
$\div$	$\div$	
$\times$	$\times$	

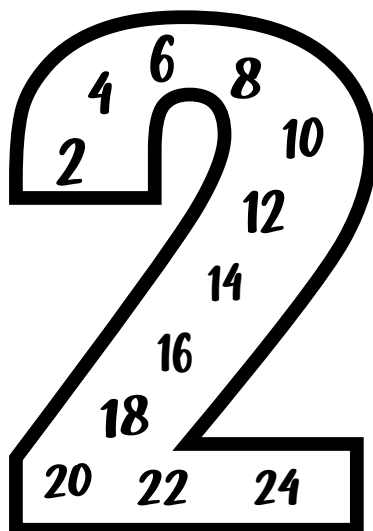
12		
2	$\times \div$	6
$\times$	$\div$	
$\div$	$\times$	
$\div$	$\div$	
$\times$	$\times$	

14		
2	$\times \div$	7
$\times$	$\div$	
$\div$	$\times$	
$\div$	$\div$	
$\times$	$\times$	

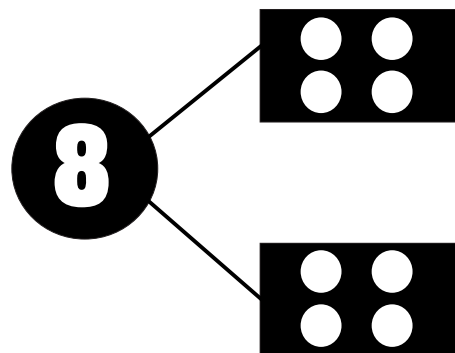
DIVISION WHEELS



MULTIPLES OF 2



Division Strategies: PARTITION

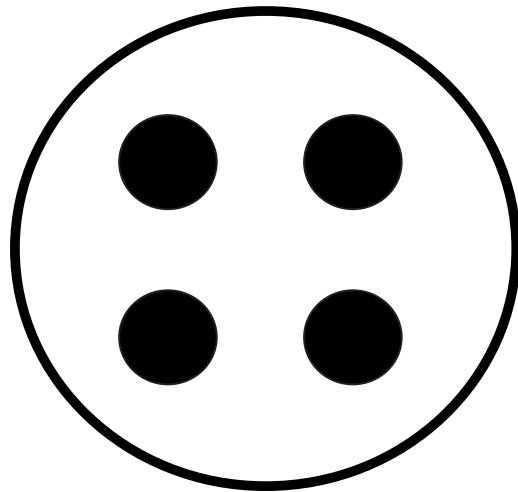
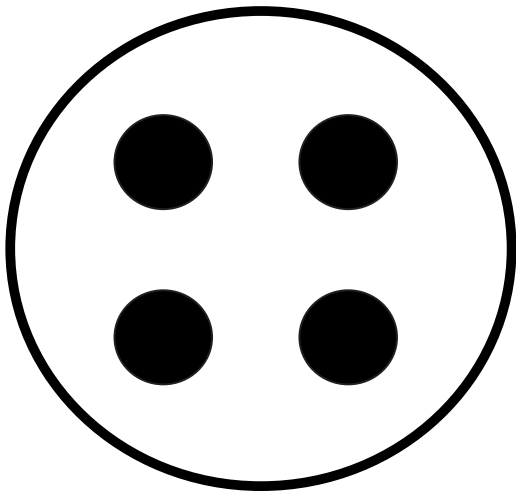


$$8 \div 2 = 4$$

STRATEGY POSTER

**When dividing by 2 ,
think multiplication! $2 \times ? = 8$**

$$8 \div 2 = 4$$



Hint: Think multiplication! $2 \times ? = 8$

DIVISION

$$16 \div 2 = 8$$

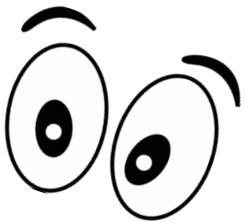
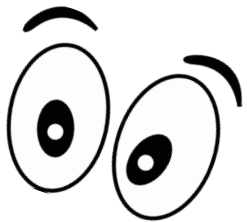


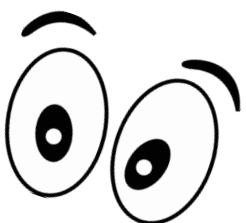
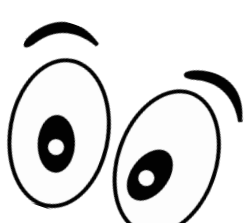
DIVIDEND

DIVISOR

QUOTIENT

MULTIPLES OF TWO

2  **4**  **6** 

8  **10**  **12** 

14  **16**  **18** 

20  **22**  **24** 

MULTIPLES OF TWO

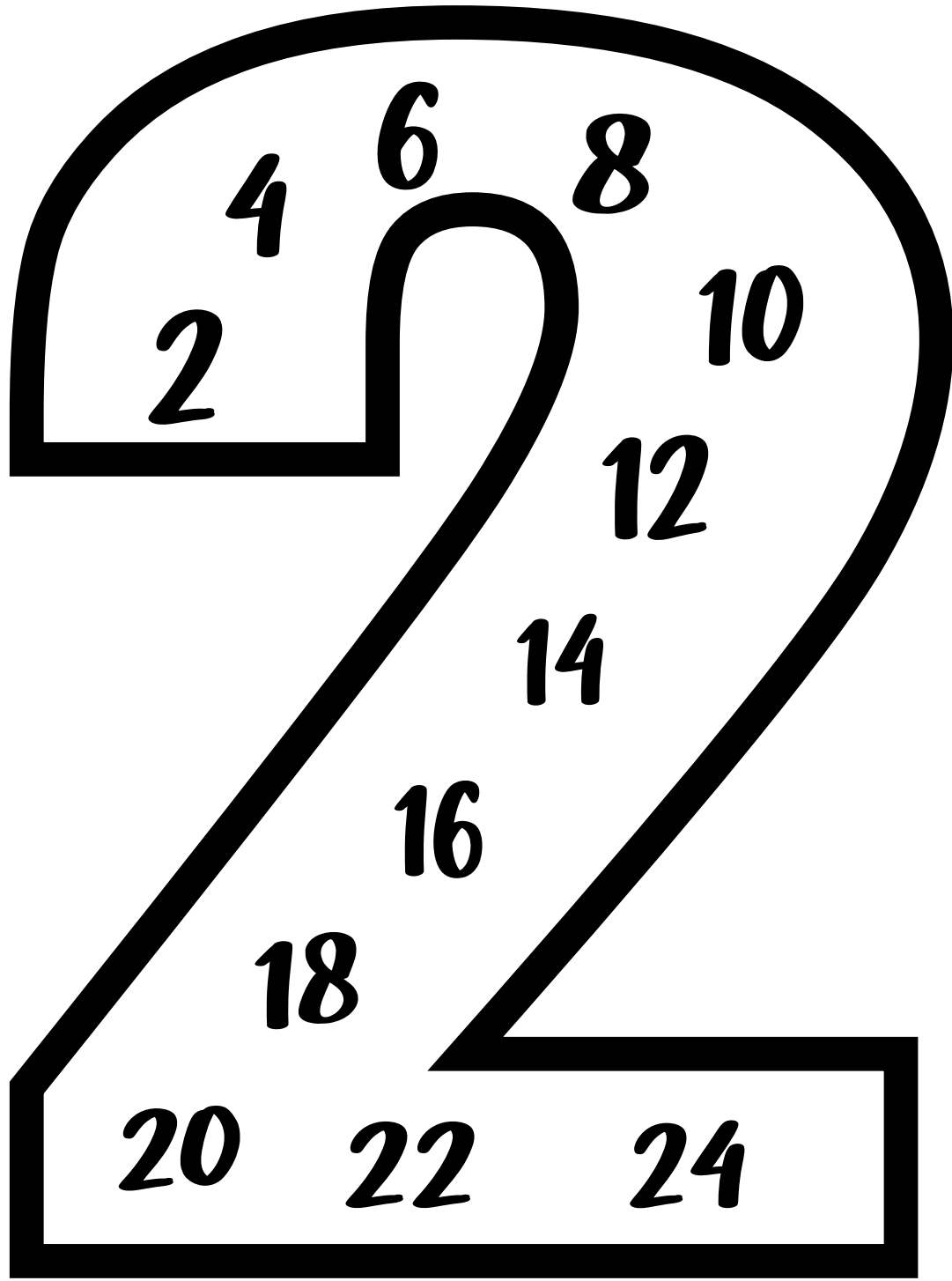
2   4   6  

8   10   12  

14   16   18  

20   22   24  

MULTIPLES OF 2



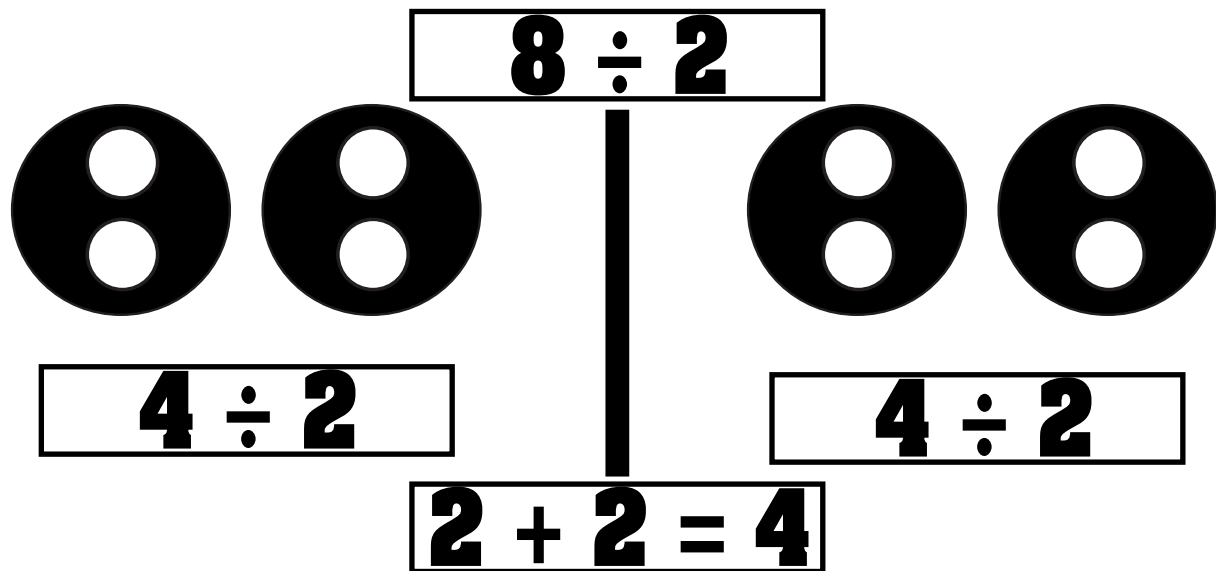


VOCABULARY

DISTRIBUTIVE PROPERTY

There were 8 marbles. I put 2 in each bag. How many bags did I use?

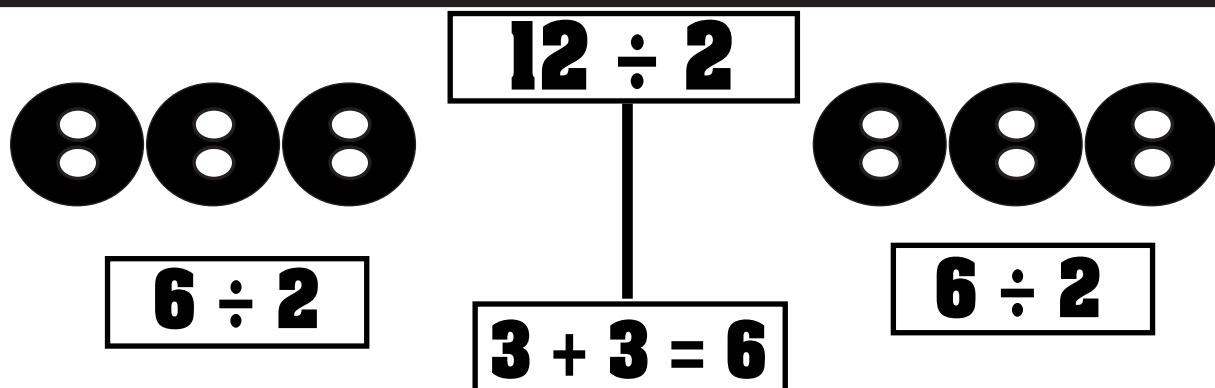
$$8 \div 2 = (4 \div 2) + (4 \div 2) = 2 + 2 = 4$$



MODEL THE FACT

There were 12 marbles. I put 2 in each bag. How many bags did I use?

$$12 \div 2 = (6 \div 2) + (6 \div 2)$$



IDENTITY PROPERTY

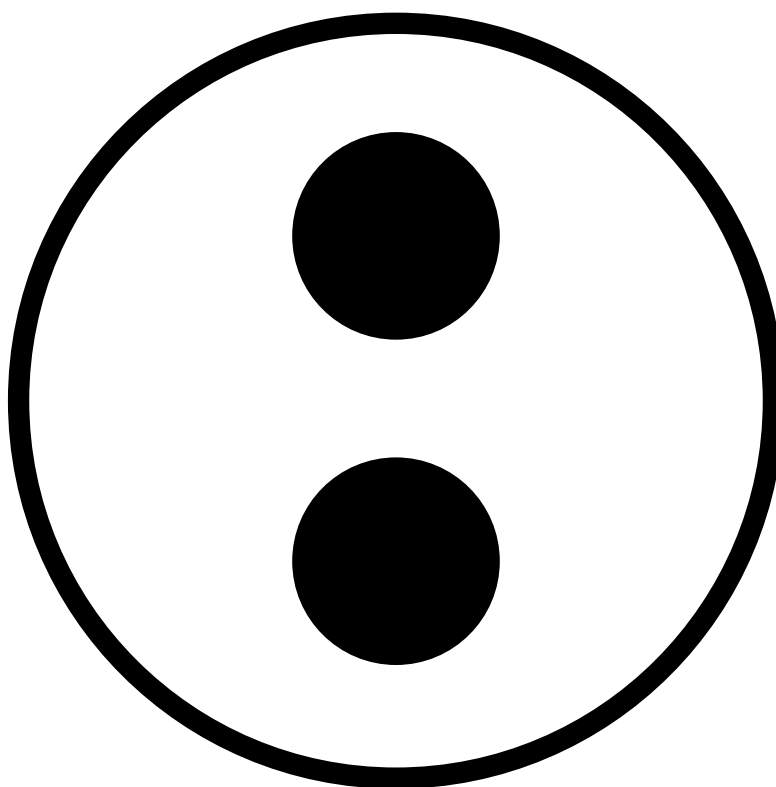
DIVIDING A NUMBER BY 1

$$2 \div 1 = 2$$

$$10 \div 1$$

$$5 \div 1$$

$$7 \div 1$$



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

ZERO PROPERTY

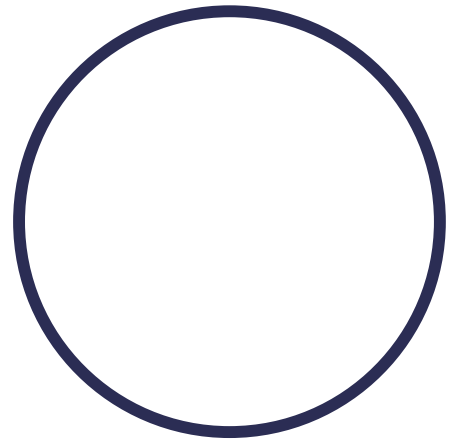
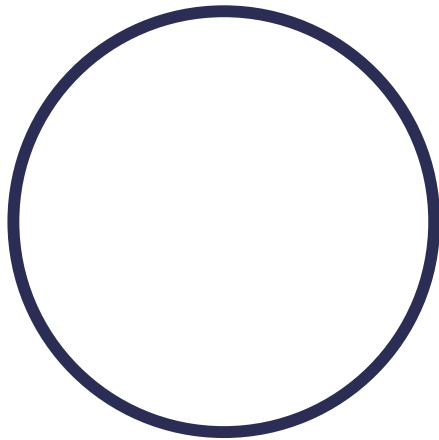
DIVIDING 0 BY A NUMBER

$$0 \div 2 = 0$$

$$0 \div 8$$

$$0 \div 1$$

$$0 \div 2$$



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

DIVISION BY ITSELF PROPERTY

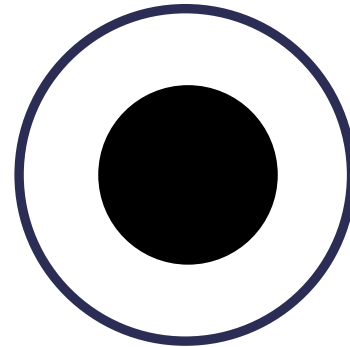
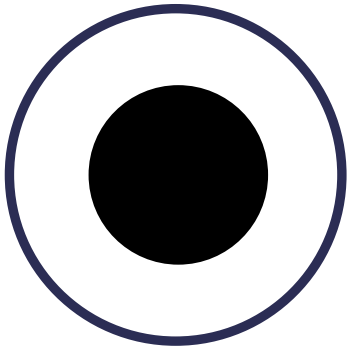
DIVIDING A NUMBER BY ITSELF

$$2 \div 2 = 1$$

$$10 \div 10$$

$$5 \div 5$$

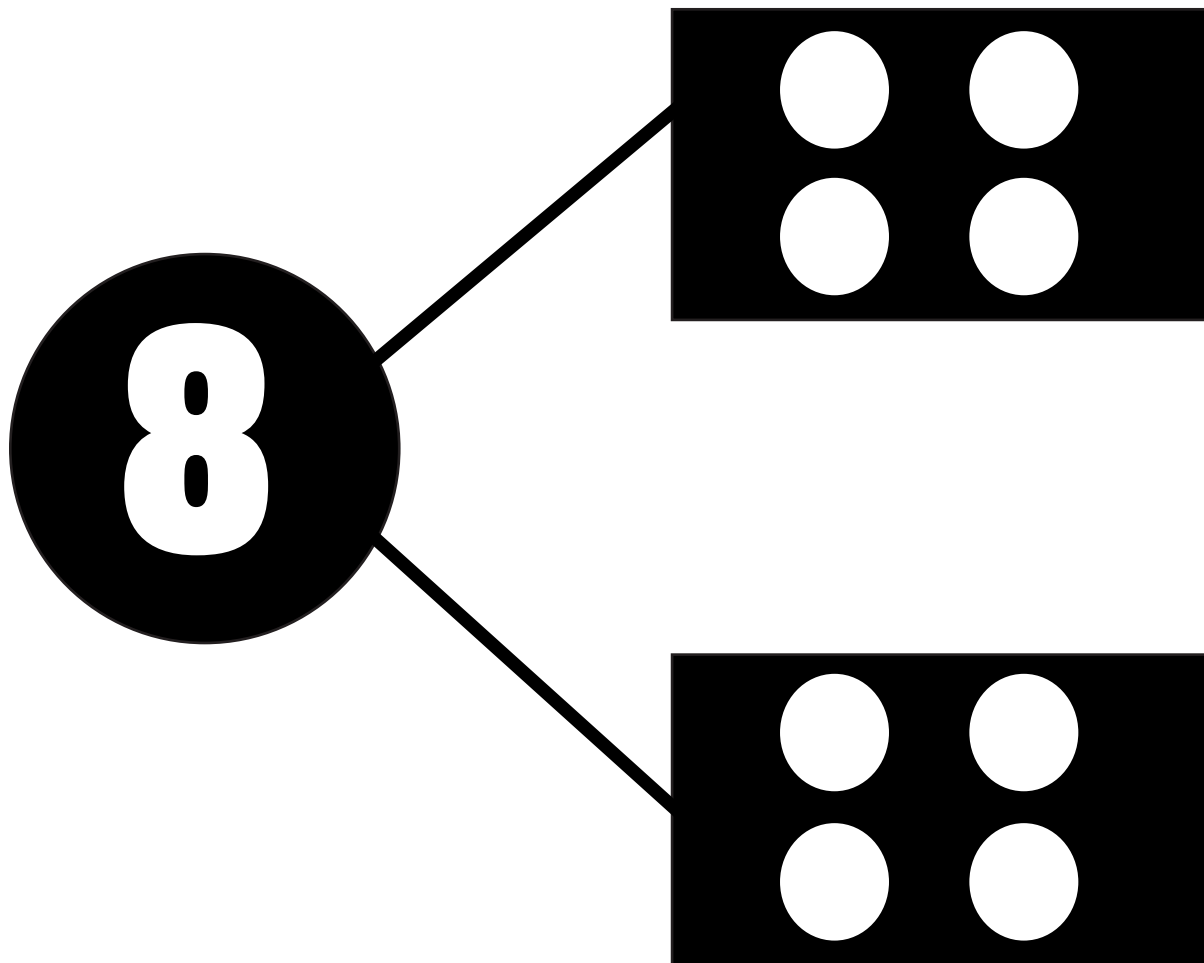
$$8 \div 8$$



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

Division Strategies:

PARTITION



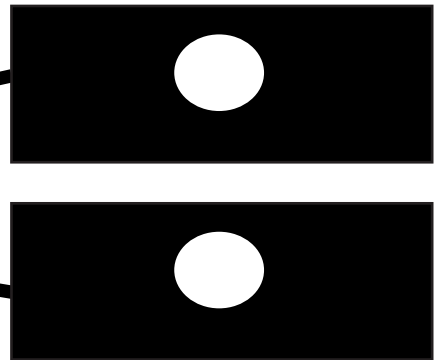
$$8 \div 2 = 4$$

Division Strategies:

PARTITION

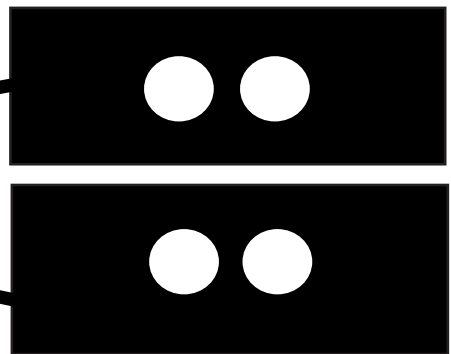
$$2 \div 2 = 1$$

2



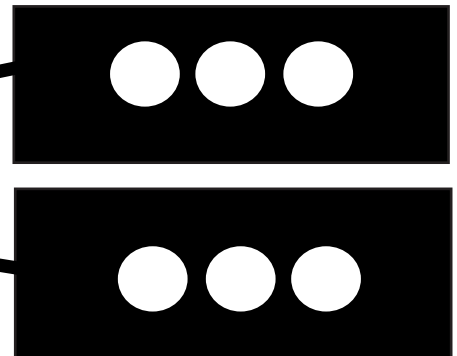
$$4 \div 2 = 2$$

4



$$6 \div 2 = 3$$

6

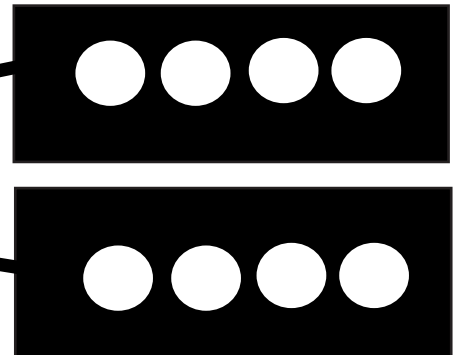


Division Strategies:

PARTITION

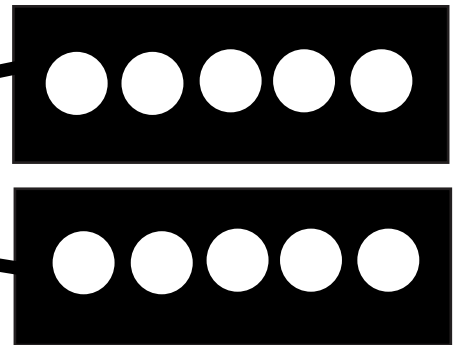
$$8 \div 2 = 4$$

8



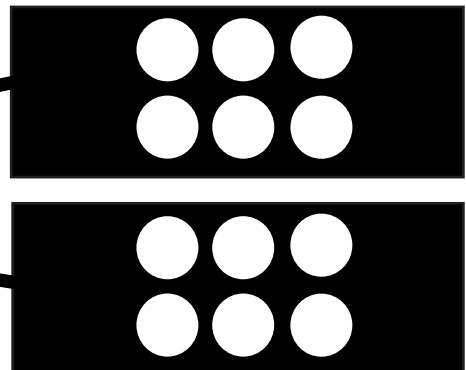
$$10 \div 2 = 5$$

10



$$12 \div 2 = 6$$

12

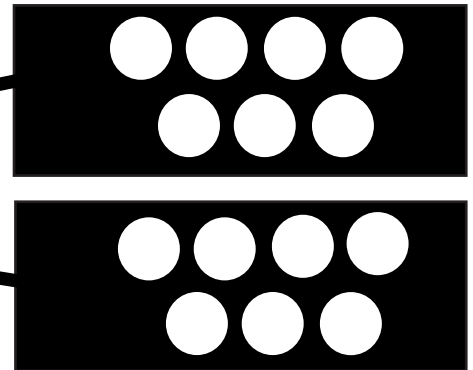


Division Strategies:

PARTITION

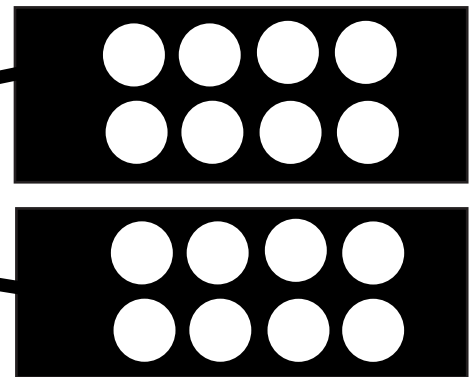
$$14 \div 2 = 7$$

14



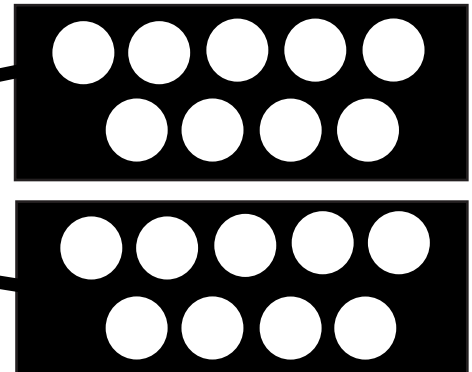
$$16 \div 2 = 8$$

16



$$18 \div 2 = 9$$

18

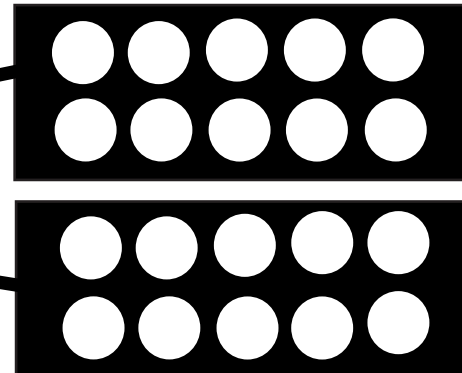


Division Strategies:

PARTITION

$$20 \div 2 = 10$$

20



FREE CHOICE

FREE CHOICE

Division Strategies:

RELATED FACT

$$14 \div 2 = \underline{7}$$

think

$$2 \times \underline{7} = 14$$

$$2 \div 2 = \underline{1}$$

think

$$2 \times \underline{1} = 2$$

$$10 \div 2 = \underline{5}$$

think

$$2 \times \underline{5} = 10$$

$$18 \div 2 = \underline{9}$$

think

$$2 \times \underline{9} = 18$$

Division Strategies:

RELATED FACT

$$6 \div 2 = \underline{3}$$

think

$$2 \times \underline{3} = 6$$

$$20 \div 2 = \underline{10}$$

think

$$2 \times \underline{10} = 20$$

$$4 \div 2 = \underline{2}$$

think

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

$$12 \div 2 = \underline{6}$$

think

$$2 \times \underline{6} = 12$$

Division Strategies:

RELATED FACT

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

think

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

$$16 \div 2 = \underline{8}$$

think

$$2 \times \underline{8} = 16$$

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

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

$$12 \div 2 = ?$$

$$12 - 2 = 10$$

$$10 - 2 = 8$$

$$8 - 2 = 6$$

$$6 - 2 = 4$$

$$4 - 2 = 2$$

$$2 - 2 = 0$$

$$12 \div 2 = \boxed{6}$$

Division Strategies:

REPEATED SUBTRACTION

$$12 \div 2 = ?$$

$$12 - \underline{2} = 10$$

$$\underline{10} - 2 = 8$$

$$\underline{8} - 2 = 6$$

$$6 - \underline{2} = 4$$

$$4 - \underline{2} = 2$$

$$\underline{2} - 2 = 0$$

$$12 \div 2 = \boxed{6}$$

Division Strategies:

REPEATED SUBTRACTION

$$14 \div 2 = ?$$

$$14 - \underline{2} = 12$$

$$12 - \underline{2} = 10$$

$$\underline{10} - 2 = 8$$

$$\underline{8} - 2 = 6$$

$$6 - \underline{2} = 4$$

$$4 - \underline{2} = 2$$

$$\underline{2} - 2 = 0$$

$$14 \div 2 = \boxed{7}$$

Division Strategies:

REPEATED SUBTRACTION

$$10 \div 2 = ?$$

$$\underline{10} - 2 = 8$$

$$\underline{8} - 2 = 6$$

$$6 - \underline{2} = 4$$

$$4 - \underline{2} = 2$$

$$\underline{2} - 2 = 0$$

$$10 \div 2 = \boxed{5}$$

Division Strategies:

REPEATED SUBTRACTION

$$16 \div 2 = ?$$

$$16 - \underline{2} = 14$$

$$14 - \underline{2} = 12$$

$$12 - \underline{2} = 10$$

$$\underline{10} - 2 = 8$$

$$\underline{8} - 2 = 6$$

$$6 - \underline{2} = 4$$

$$4 - \underline{2} = 2$$

$$\underline{2} - 2 = 0$$

$$16 \div 2 = \boxed{8}$$

Division Strategies:

REPEATED SUBTRACTION

$$20 \div 2 = ?$$

$$20 - \underline{2} = 18$$

$$18 - \underline{2} = 16$$

$$16 - \underline{2} = 14$$

$$14 - \underline{2} = 12$$

$$12 - \underline{2} = 10$$

$$\underline{10} - 2 = 8$$

$$\underline{8} - 2 = 6$$

$$6 - \underline{2} = 4$$

$$4 - \underline{2} = 2$$

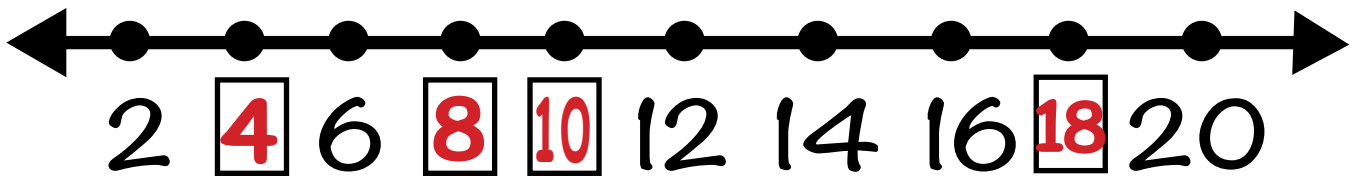
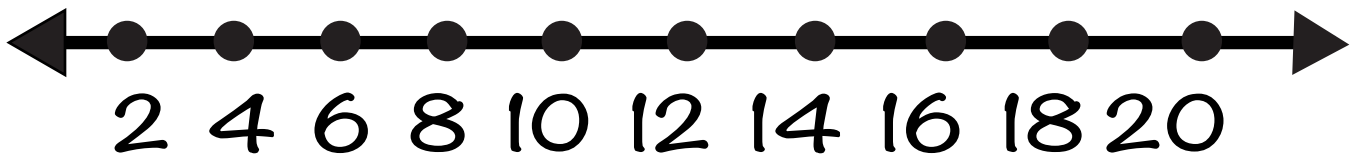
$$2 - \underline{2} = 0$$

$$20 \div 2 = \boxed{10}$$

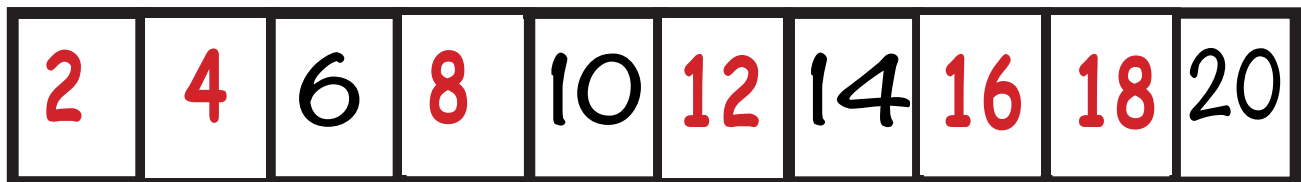
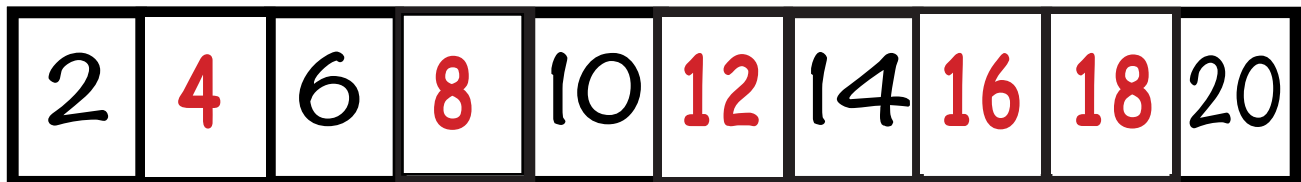
Modeling Division:

SKIP COUNTING

DRAW ON A NUMBER LINE



FILL IN THE MISSING NUMBERS



Modeling Division:

SKIP COUNTING

FILL IN THE MISSING NUMBERS

2	4	6	8	10	12	14	16	18	20
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FILL IN THE MISSING NUMBERS

2	4	6	8	10	12	14	16	18	20
---	---	---	---	----	----	----	----	----	----

FILL IN THE MISSING NUMBERS

2	4	6	8	10	12	14	16	18	20
---	---	---	---	----	----	----	----	----	----

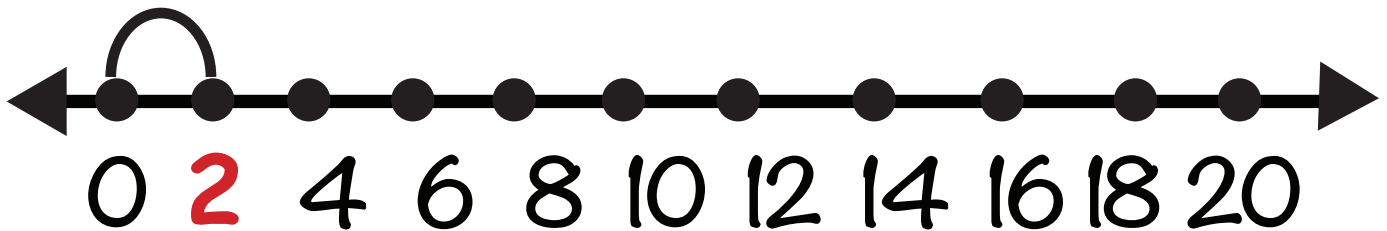
FILL IN THE MISSING NUMBERS

2	4	6	8	10	12	14	16	18	20
---	---	---	---	----	----	----	----	----	----

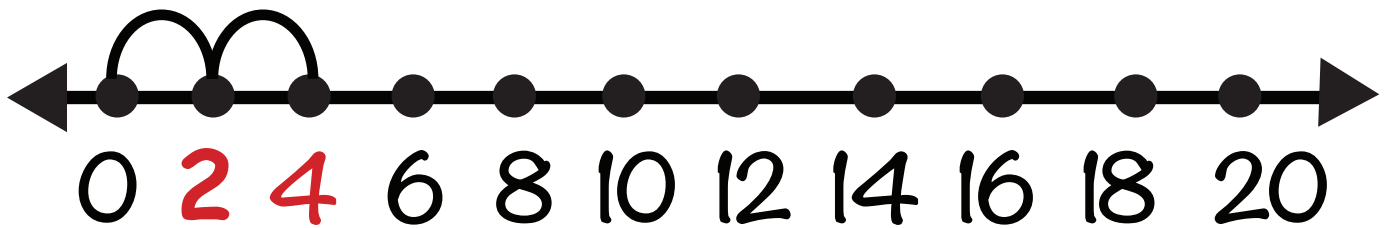
Division Strategies:

SKIP COUNTING

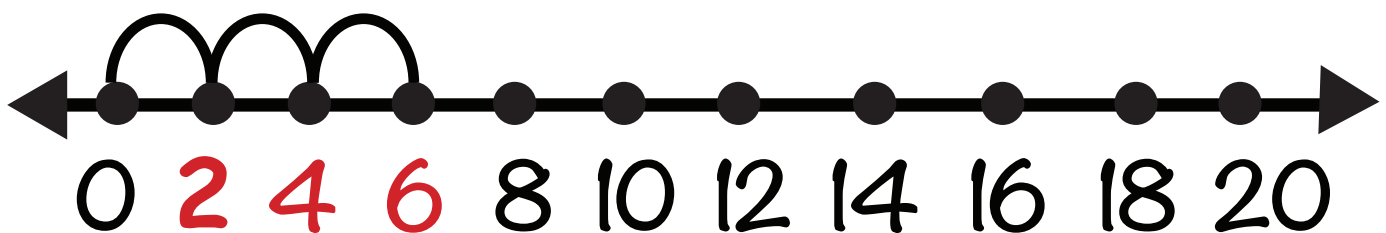
FILL IN THE MISSING NUMBERS. MODEL $2 \div 2$ ON THE NUMBER LINE.



FILL IN THE MISSING NUMBERS. MODEL $4 \div 2$ ON THE NUMBER LINE.



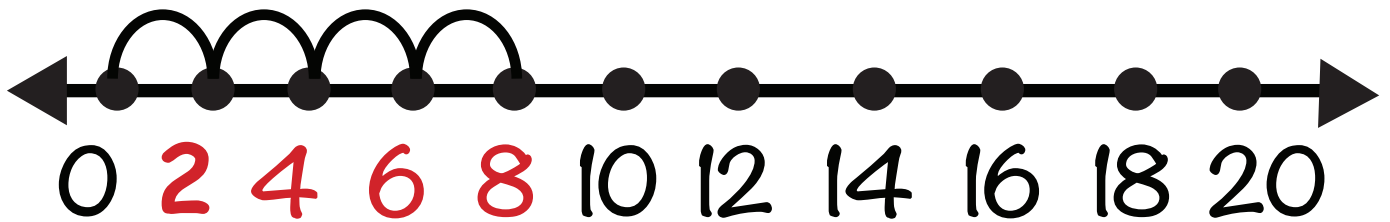
FILL IN THE MISSING NUMBERS. MODEL $6 \div 2$ ON THE NUMBER LINE.



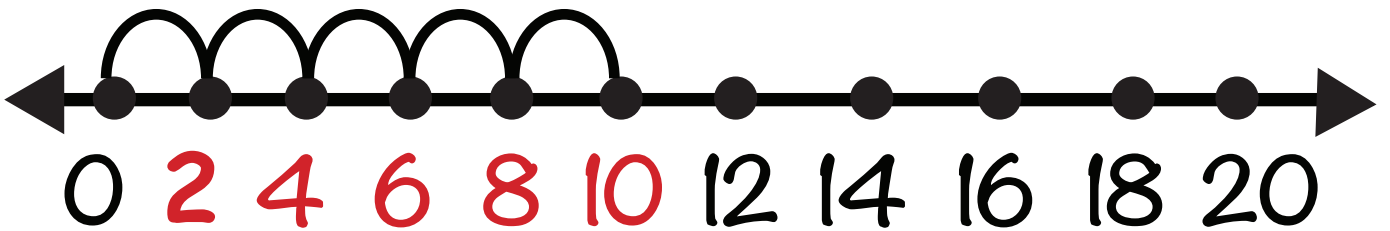
Division Strategies:

SKIP COUNTING

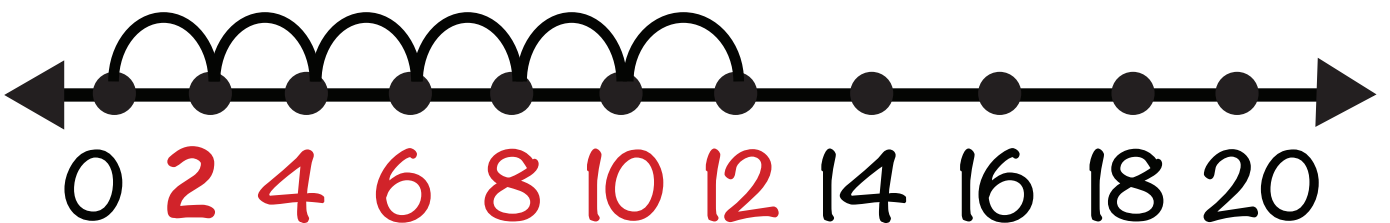
FILL IN THE MISSING NUMBERS. MODEL $8 \div 2$ ON THE NUMBER LINE.



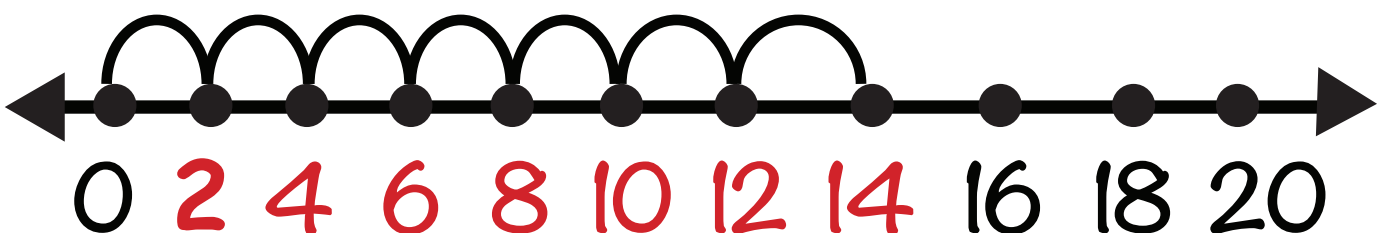
FILL IN THE MISSING NUMBERS. MODEL $10 \div 2$ ON THE NUMBER LINE.



FILL IN THE MISSING NUMBERS. MODEL $12 \div 2$ ON THE NUMBER LINE.



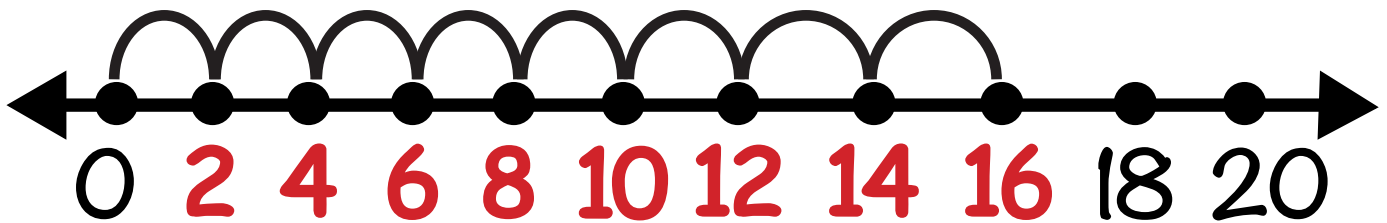
FILL IN THE MISSING NUMBERS. MODEL $14 \div 2$ ON THE NUMBER LINE.



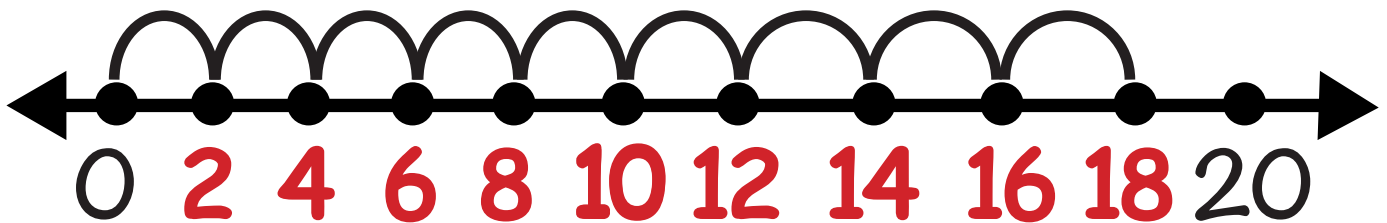
Division Strategies:

SKIP COUNTING

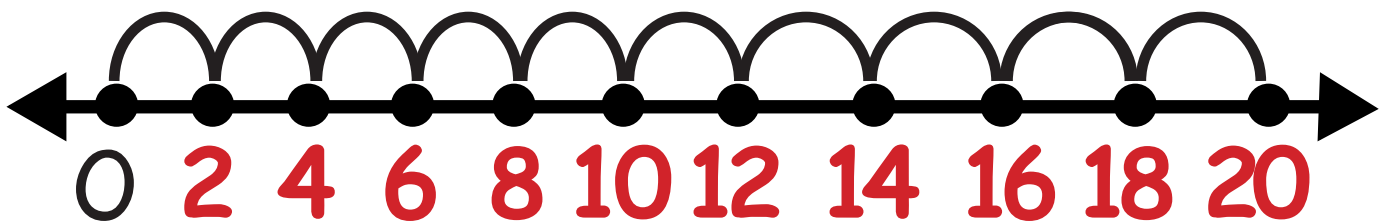
FILL IN THE MISSING NUMBERS. MODEL $16 \div 2$ ON THE NUMBER LINE.



FILL IN THE MISSING NUMBERS. MODEL $18 \div 2$ ON THE NUMBER LINE.



FILL IN THE MISSING NUMBERS. MODEL $20 \div 2$ ON THE NUMBER LINE.



Division Strategies:

NUMBER LINES

There are 12 cookies and you put 2 in a bag. How many bags do you have?

$$12 \div 2 = 12$$

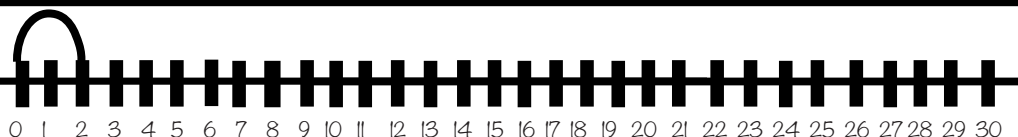


How many jumps until you get zero?

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 zero?

$$2 \div 2$$



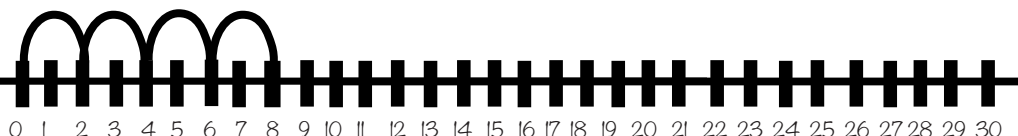
$$4 \div 2$$



$$6 \div 2$$



$$8 \div 2$$



Division Strategies:

NUMBER LINES

$10 \div 2$



$12 \div 2$



$14 \div 2$



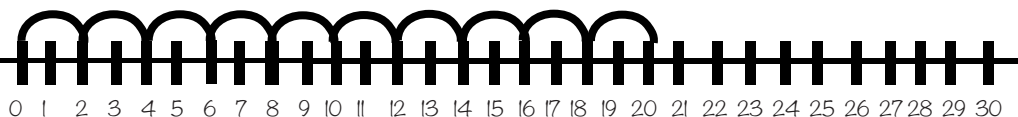
$16 \div 2$



$18 \div 2$



$20 \div 2$



Division Strategies: **SKIP COUNTING CHART**

2
4
6
8
10

12
14
16
18
20

Division Vocabulary

dividend

divisor

quotient

$$12 \div 2 = 6$$

divisor

$$2 \overline{) 12}$$

6

quotient

dividend

dividend

$$\frac{12}{2} = 6$$

divisor

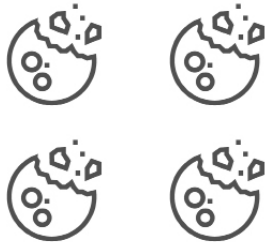
quotient

Array Flashcards

USE THE MODEL TO SOLVE



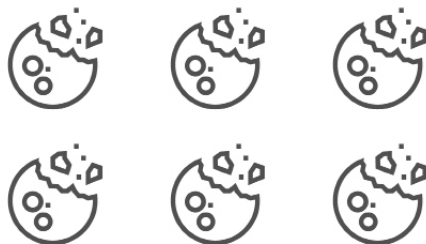
$$2 \div 2 = \underline{1}$$



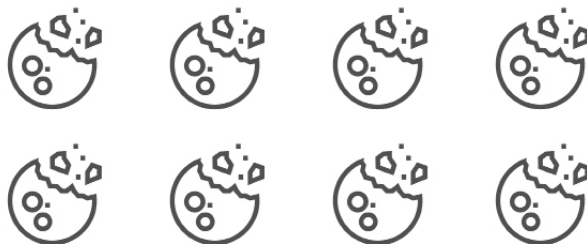
$$4 \div 2 = \underline{2}$$

Array Flashcards

USE THE MODEL TO SOLVE



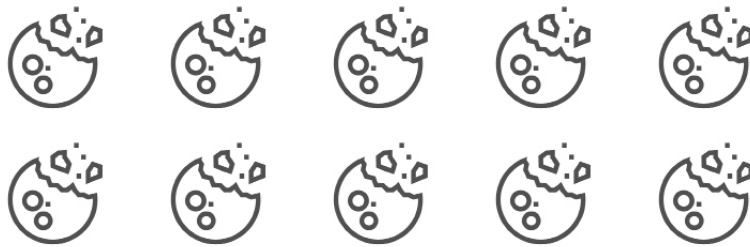
$$6 \div 2 = \underline{3}$$



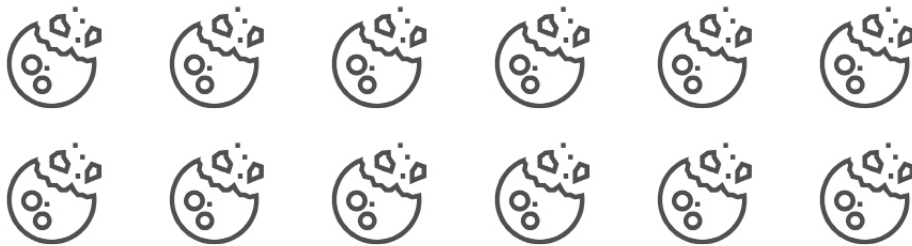
$$8 \div 2 = \underline{4}$$

Array Flashcards

USE THE MODEL TO SOLVE



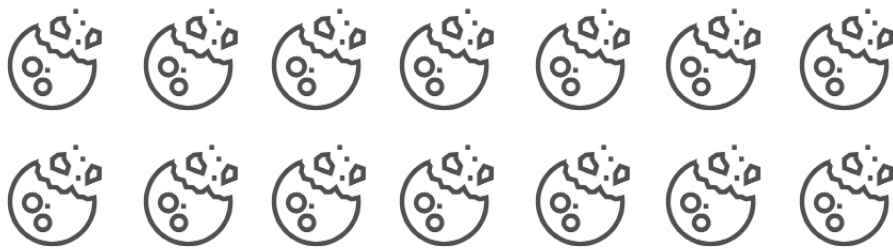
$$10 \div 2 = \underline{5}$$



$$12 \div 2 = \underline{6}$$

Array Flashcards

USE THE MODEL TO SOLVE



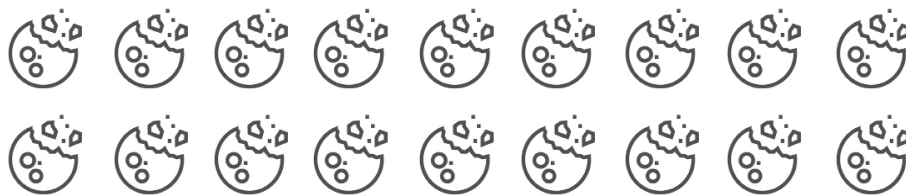
$$14 \div 2 = \underline{7}$$



$$16 \div 2 = \underline{8}$$

Array Flashcards

USE THE MODEL TO SOLVE



$$18 \div 2 = \underline{9}$$



$$20 \div 2 = \underline{10}$$

Array Flashcards

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

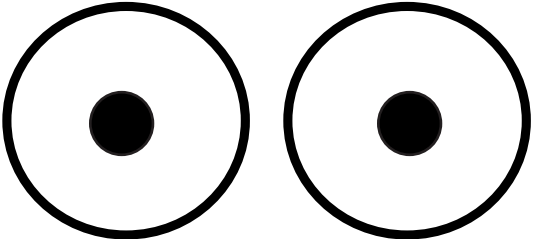
FREE CHOICE

FREE CHOICE

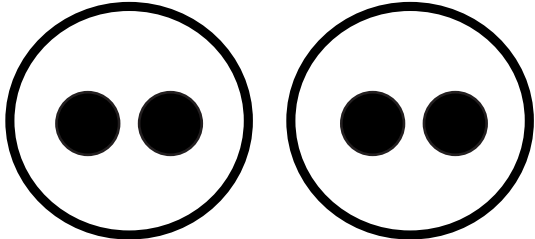
Equal Group Flashcards

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

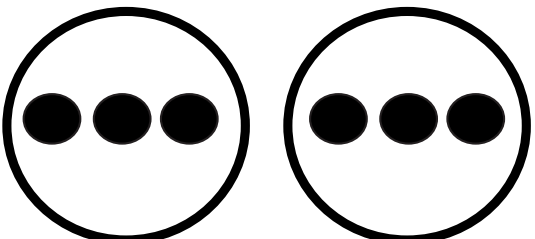
2 ÷ 2 = 1



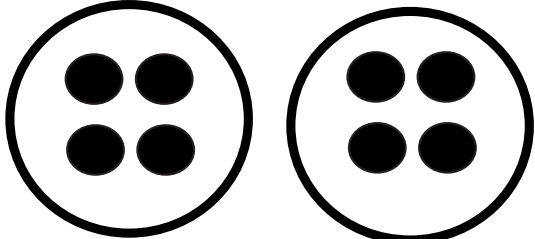
4 ÷ 2 = 2



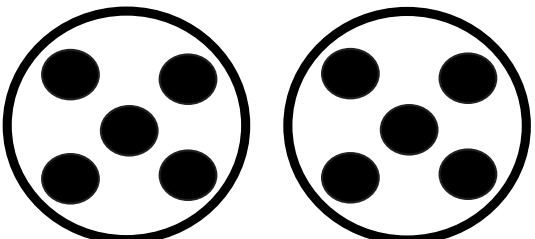
6 ÷ 2 = 3



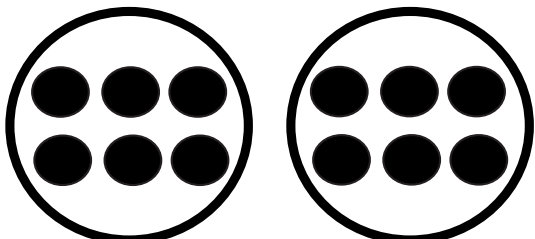
8 ÷ 2 = 4



10 ÷ 2 = 5



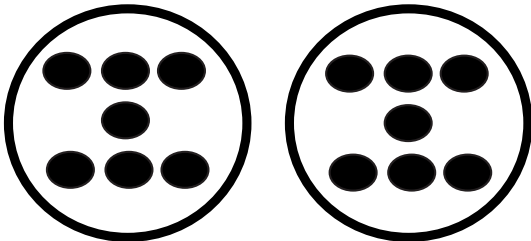
12 ÷ 2 = 6



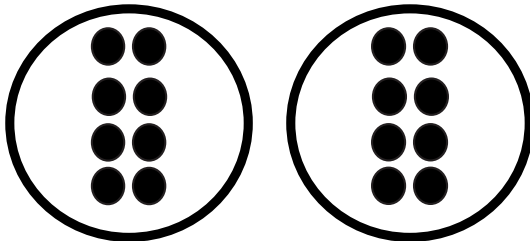
Equal Group Flashcards

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

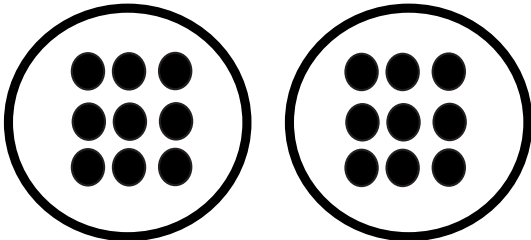
14 ÷ 2 = 7



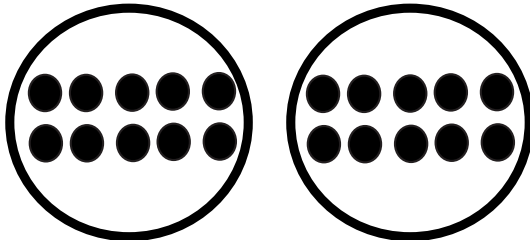
16 ÷ 2 = 8



18 ÷ 2 = 9



20 ÷ 2 = 10



Regular Flashcards

$$0 \div 2$$

$$2 \div 2$$

$$4 \div 2$$

$$6 \div 2$$

$$8 \div 2$$

$$10 \div 2$$

Regular Flashcards

$$12 \div 2$$

$$14 \div 2$$

$$16 \div 2$$

$$18 \div 2$$

$$20 \div 2$$

CALLING CARDS DIVIDING BY 2

1

2

3

4

5

6

7

8

9

10

Dividing by 2 4 IN A ROW

CHECK YOUR
ANSWERS USING
YOUR BOOKMARK.

$20 \div 2 = ?$

$16 \div 2 = ?$

$12 \div 2 = ?$

$6 \div 2 = ?$

$2 \div 2 = ?$

$10 \div 2 = ?$

$8 \div 2 = ?$

$18 \div 2 = ?$

$4 \div 2 = ?$

$4 \div 2 = ?$

$14 \div 2 = ?$

$2 \div 2 = ?$

$20 \div 2 = ?$

$12 \div 2 = ?$

$6 \div 2 = ?$

$10 \div 2 = ?$

$18 \div 2 = ?$

$4 \div 2 = ?$

$16 \div 2 = ?$

$2 \div 2 = ?$

$8 \div 2 = ?$

$14 \div 2 = ?$

$2 \div 2 = ?$

$4 \div 2 = ?$

$12 \div 2 = ?$

$6 \div 2 = ?$

$20 \div 2 = ?$

$18 \div 2 = ?$

$16 \div 2 = ?$

$8 \div 2 = ?$

$10 \div 2 = ?$

$4 \div 2 = ?$

$14 \div 2 = ?$

$8 \div 2 = ?$

$18 \div 2 = ?$

$2 \div 2 = ?$

$16 \div 2 = ?$

$18 \div 2 = ?$

$2 \div 2 = ?$

$6 \div 2 = ?$

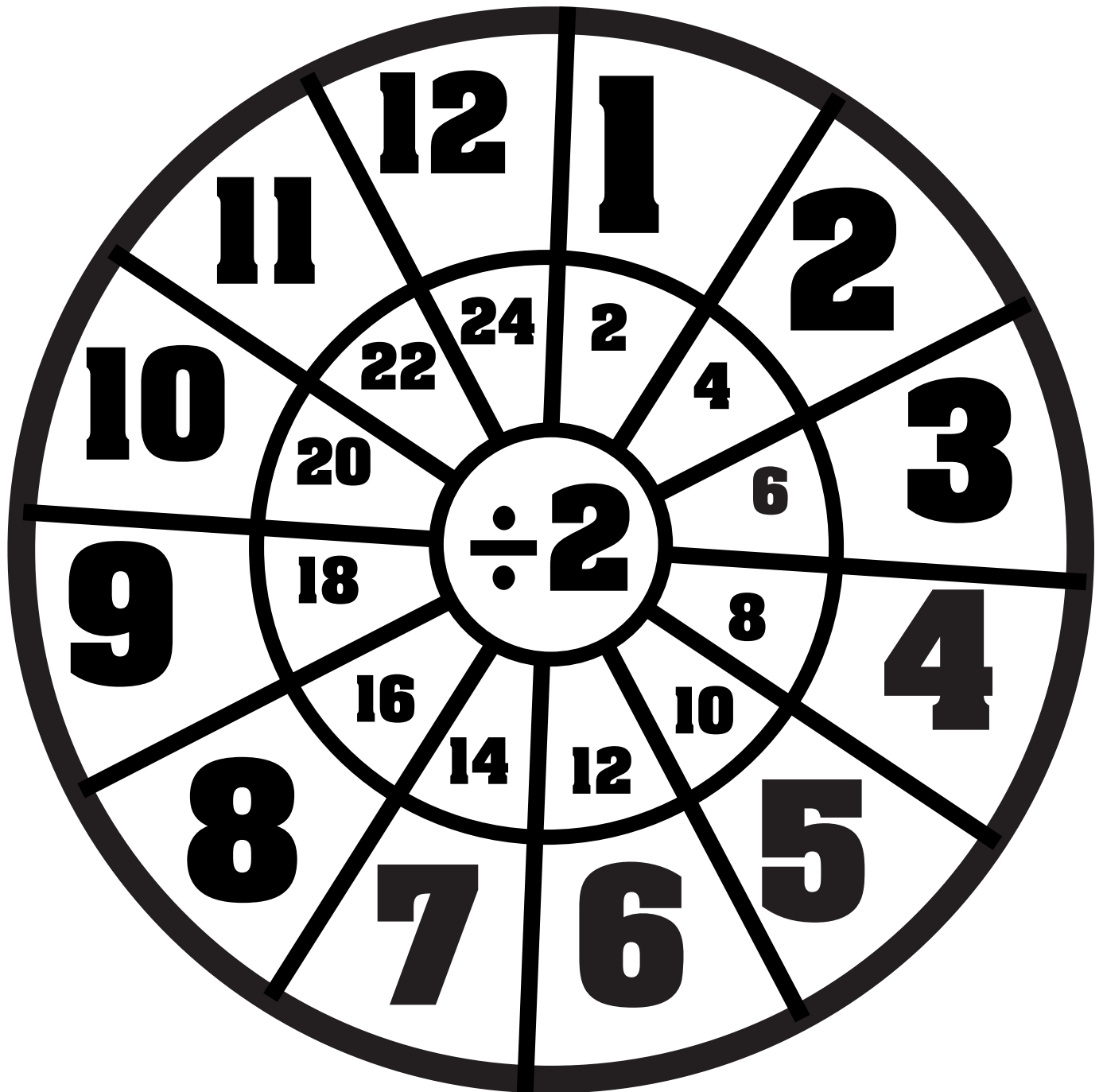
$12 \div 2 = ?$

$10 \div 2 = ?$

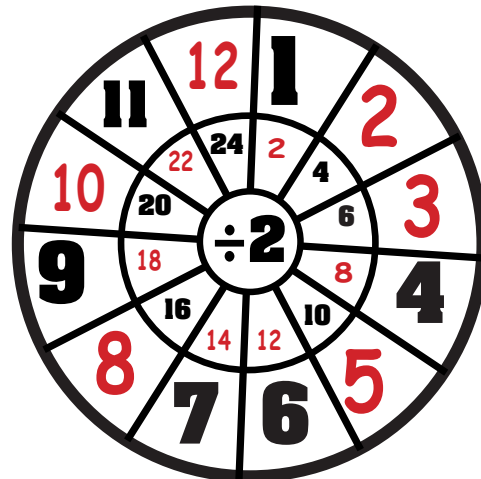
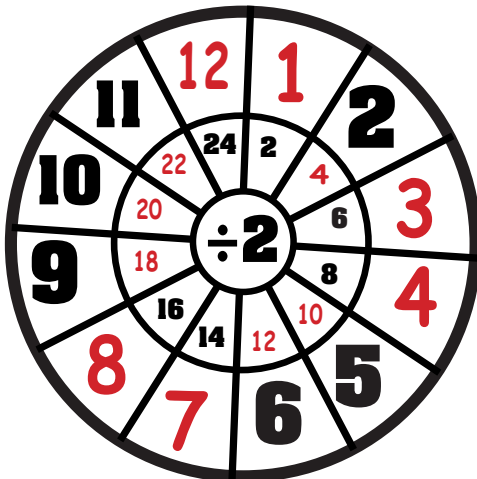
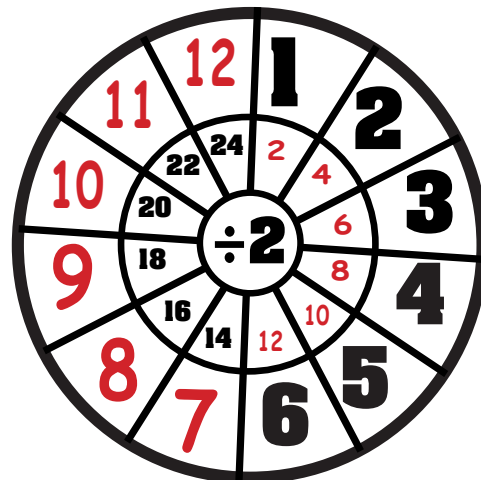
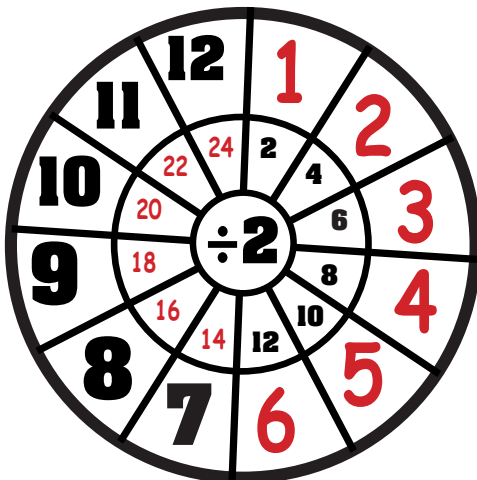
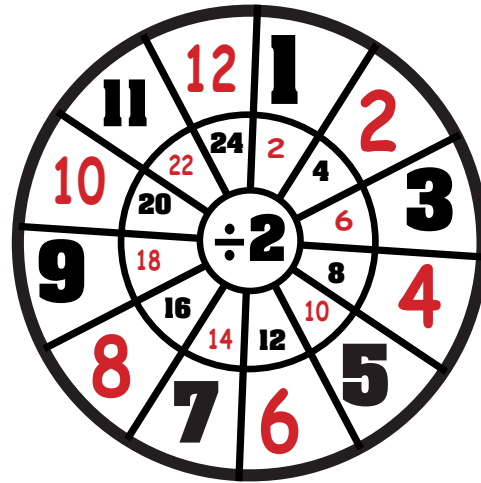
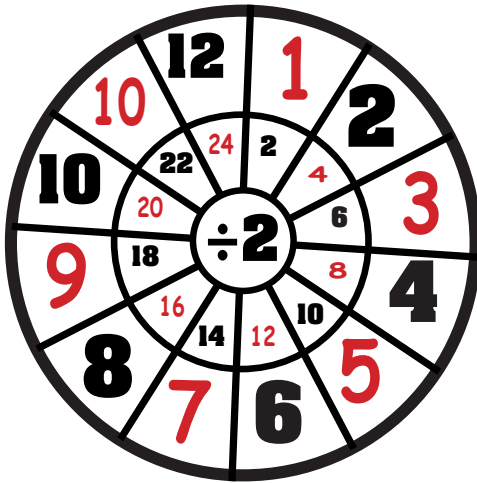
Instructions:

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



$$\begin{array}{r} 2 \\ 1 \\ 2 \\ 2 \end{array} \begin{array}{c} \times \\ \times \\ \div \\ \div \end{array} \begin{array}{r} 1 \\ 2 \\ 1 \\ 2 \end{array} = \begin{array}{r} 2 \\ 2 \\ 2 \\ 1 \end{array}$$



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

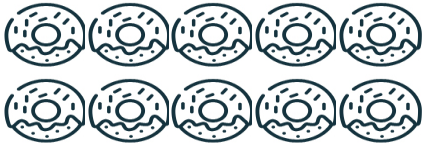


$$\begin{array}{r} 2 \\ 3 \\ 6 \\ 6 \end{array} \begin{array}{c} \times \\ \times \\ \div \\ \div \end{array} \begin{array}{r} 3 \\ 2 \\ 2 \\ 3 \end{array} = \begin{array}{r} 6 \\ 6 \\ 3 \\ 2 \end{array}$$

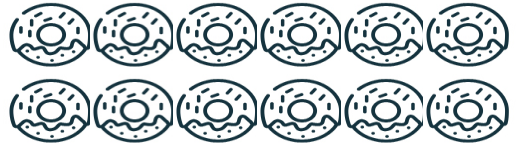


$$\begin{array}{r} 2 \\ 4 \\ 8 \\ 8 \end{array} \begin{array}{c} \times \\ \times \\ \div \\ \div \end{array} \begin{array}{r} 4 \\ 2 \\ 2 \\ 4 \end{array} = \begin{array}{r} 8 \\ 8 \\ 4 \\ 2 \end{array}$$

PICTURE FACT FAMILY



$$\begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array} \quad \begin{array}{r} 5 \\ \times 2 \\ \hline 10 \end{array} \quad \begin{array}{r} 10 \\ \div 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 10 \\ \div 5 \\ \hline 2 \end{array}$$



$$\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array} \quad \begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array} \quad \begin{array}{r} 12 \\ \div 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 12 \\ \div 6 \\ \hline 2 \end{array}$$

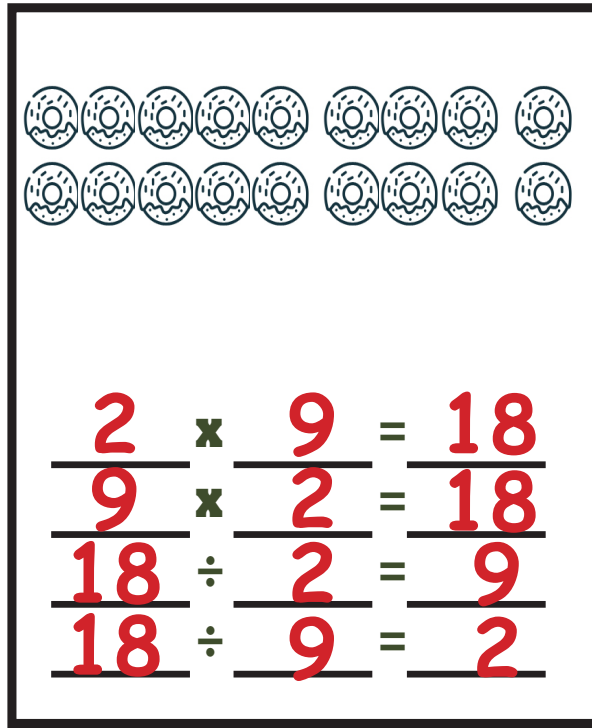


$$\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array} \quad \begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array} \quad \begin{array}{r} 14 \\ \div 2 \\ \hline 7 \end{array} \quad \begin{array}{r} 14 \\ \div 7 \\ \hline 2 \end{array}$$



$$\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array} \quad \begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array} \quad \begin{array}{r} 16 \\ \div 2 \\ \hline 8 \end{array} \quad \begin{array}{r} 16 \\ \div 8 \\ \hline 2 \end{array}$$

PICTURE FACT FAMILY



2 x 9 = 18

9 x 2 = 18

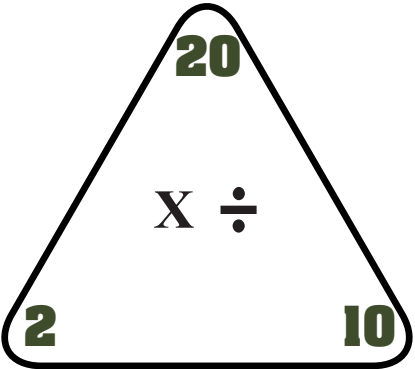
18 ÷ 2 = 9

18 ÷ 9 = 2

MAKE YOUR OWN

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

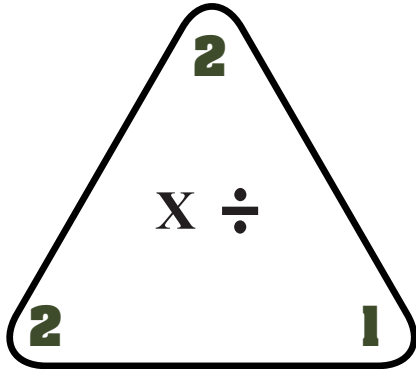
TRIANGLE FACT FAMILY



20

X ÷

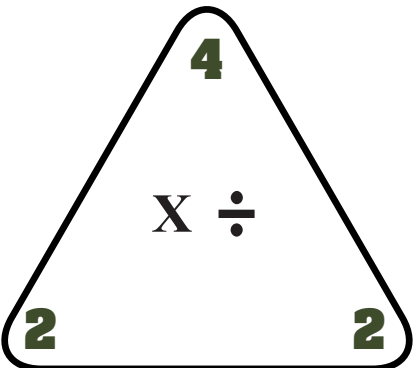
2 10

$$\begin{array}{r} 2 \times 10 = 20 \\ 10 \times 2 = 20 \\ 20 \div 10 = 2 \\ 20 \div 2 = 10 \end{array}$$


2

X ÷

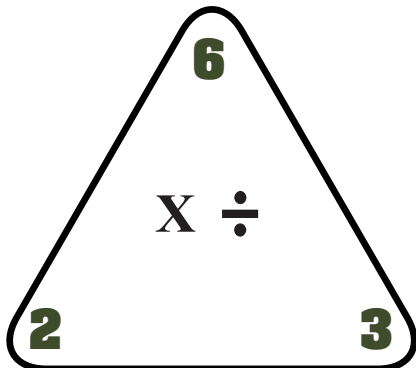
2 1

$$\begin{array}{r} 2 \times 1 = 2 \\ 1 \times 2 = 2 \\ 2 \div 1 = 2 \\ 2 \div 2 = 1 \end{array}$$


4

X ÷

2 2

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


6

X ÷

2 3

$$\begin{array}{r} 2 \times 3 = 6 \\ 3 \times 2 = 6 \\ 6 \div 3 = 2 \\ 6 \div 2 = 3 \end{array}$$

TRIANGLE FACT FAMILY

8

X ÷

2 4

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

10

X ÷

2 5

$$\begin{array}{r} 2 \times 5 = 10 \\ 5 \times 2 = 10 \\ 10 \div 5 = 2 \\ 10 \div 2 = 5 \end{array}$$

12

X ÷

2 6

$$\begin{array}{r} 2 \times 6 = 12 \\ 6 \times 2 = 12 \\ 12 \div 6 = 2 \\ 12 \div 2 = 6 \end{array}$$

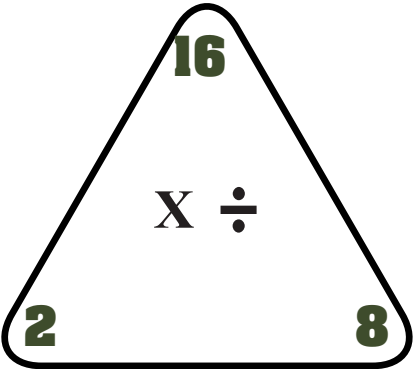
14

X ÷

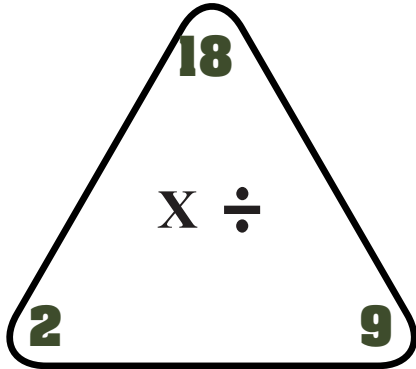
2 7

$$\begin{array}{r} 2 \times 7 = 14 \\ 7 \times 2 = 14 \\ 14 \div 7 = 2 \\ 14 \div 2 = 7 \end{array}$$

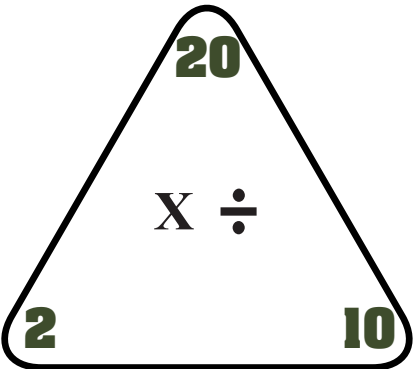
TRIANGLE FACT FAMILY



A triangle with the number 16 at the top vertex, 2 at the bottom-left vertex, and 8 at the bottom-right vertex. In the center of the triangle is the text "X ÷".

$$\begin{array}{rcl} 2 & \times & 8 = 16 \\ 8 & \times & 2 = 16 \\ 16 & \div & 2 = 8 \\ 16 & \div & 8 = 2 \end{array}$$


A triangle with the number 18 at the top vertex, 2 at the bottom-left vertex, and 9 at the bottom-right vertex. In the center of the triangle is the text "X ÷".

$$\begin{array}{rcl} 2 & \times & 9 = 18 \\ 9 & \times & 2 = 18 \\ 18 & \div & 9 = 2 \\ 18 & \div & 2 = 9 \end{array}$$


A triangle with the number 20 at the top vertex, 2 at the bottom-left vertex, and 10 at the bottom-right vertex. In the center of the triangle is the text "X ÷".

$$\begin{array}{rcl} 2 & \times & 10 = 20 \\ 10 & \times & 2 = 20 \\ 20 & \div & 10 = 2 \\ 20 & \div & 2 = 10 \end{array}$$

TRIANGLE FACT FAMILY

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

$$\begin{array}{r} 2 \times 5 = 10 \\ 5 \times 2 = 10 \\ 10 \div 5 = 2 \\ 10 \div 2 = 5 \end{array}$$

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

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

TRIANGLE FACT FAMILY

$$\begin{array}{r} 2 \\ \hline 1 \end{array} \times \begin{array}{r} 1 \\ \hline 2 \end{array} = \begin{array}{r} 2 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \\ \hline 2 \end{array} \div \begin{array}{r} 1 \\ \hline 2 \end{array} = \begin{array}{r} 2 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 2 \\ \hline 3 \end{array} \times \begin{array}{r} 3 \\ \hline 2 \end{array} = \begin{array}{r} 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6 \\ \hline 6 \end{array} \div \begin{array}{r} 3 \\ \hline 2 \end{array} = \begin{array}{r} 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 2 \\ \hline 6 \end{array} \times \begin{array}{r} 6 \\ \hline 2 \end{array} = \begin{array}{r} 12 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 12 \\ \hline 12 \end{array} \div \begin{array}{r} 6 \\ \hline 2 \end{array} = \begin{array}{r} 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 2 \\ \hline 7 \end{array} \times \begin{array}{r} 7 \\ \hline 2 \end{array} = \begin{array}{r} 14 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 14 \\ \hline 14 \end{array} \div \begin{array}{r} 7 \\ \hline 2 \end{array} = \begin{array}{r} 2 \\ \hline 7 \end{array}$$

WORD PROBLEM

MODEL YOUR THINKING AND SOLVE THE PROBLEM.

THE BAKERY HAD 14 DONUTS IN 2 ROWS. THEY HAD THE SAME AMOUNT IN EACH ROW. HOW MANY WERE IN EACH ROW?

$$\underline{14} \div \underline{2} = \underline{7}$$

THE BAKERY HAD 10 DONUTS. THEY PUT 2 IN A ROW. HOW MANY ROWS DID THEY MAKE?

$$\underline{10} \div \underline{2} = \underline{5}$$

THE BAKERY MADE 20 MUFFINS. THEY PACKED 2 IN A BOX. HOW MANY BOXES DID THEY USE?

$$\underline{20} \div \underline{2} = \underline{10}$$

THE BAKERY MADE 8 HAND PIES. THEY USED 2 BOXES. THEY PUT THE SAME AMOUNT OF PIES IN EACH BOX. HOW MANY HAND PIES DID THEY PUT IN EACH BOX?

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

QUIZ

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

**I CAN SKIP COUNT TO
DIVIDE BY 2'S!**

**I CAN USE EQUAL GROUPS
TO DIVIDE BY 2'S!**

**I CAN USE ARRAYS TO
MODEL
DIVIDING BY 2'S!**

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

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

**MY STRATEGY FOR THINKING
ABOUT DIVIDING BY 2'S IS....**

CERTIFICATE

★ **GREAT MATH WORK!** ★

HAS SUCCESSFULLY PRACTICED
DIVIDING BY 2'S!

GREAT JOB!

TEACHER: _____ DATE: _____

Looking at the 2's

$$2 \div 2 = 1$$

$$4 \div 2 = 2$$

$$6 \div 2 = 3$$

$$8 \div 2 = 4$$

$$10 \div 2 = 5$$

$$12 \div 2 = 6$$

$$14 \div 2 = 7$$

$$16 \div 2 = 8$$

$$18 \div 2 = 9$$

$$20 \div 2 = 10$$

Bookmarks

2
Division

$2 \div 2 = 1$
 $4 \div 2 = 2$
 $6 \div 2 = 3$
 $8 \div 2 = 4$
 $10 \div 2 = 5$
 $12 \div 2 = 6$
 $14 \div 2 = 7$
 $16 \div 2 = 8$
 $18 \div 2 = 9$
 $20 \div 2 = 10$

DIVIDING A NUMBER BY 2
Hint: Half it!

2
DIVISION

$2 \div 2 = 1$
 $4 \div 2 = 2$
 $6 \div 2 = 3$
 $8 \div 2 = 4$
 $10 \div 2 = 5$
 $12 \div 2 = 6$
 $14 \div 2 = 7$
 $16 \div 2 = 8$
 $18 \div 2 = 9$
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DIVIDING A NUMBER BY 2
Hint: Half it!

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DIVISION

$2 \div 2 = 1$
 $4 \div 2 = 2$
 $6 \div 2 = 3$
 $8 \div 2 = 4$
 $10 \div 2 = 5$
 $12 \div 2 = 6$
 $14 \div 2 = 7$
 $16 \div 2 = 8$
 $18 \div 2 = 9$
 $20 \div 2 = 10$

DIVIDING A NUMBER BY 2
Hint: Half it!