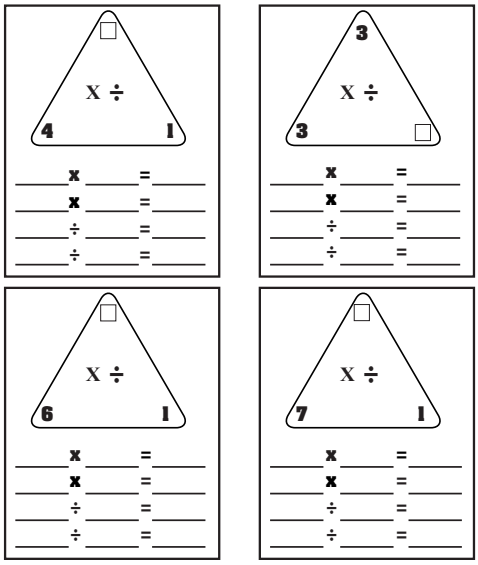
DIVIDING by ITSELF

WORK BOOKLET ANSWER KEY

TRIANGLE FACT FAMILY



Division Vocabulary

dividend | divisor | quotient

$6 \div 6 = 1$

$$\begin{array}{r|l} & 1 \\ \hline 6 & 6 \end{array}$$

divisor | dividend | quotient

$$\frac{\text{dividend}}{\text{divisor}} = \frac{6}{6} = 1$$ quotient

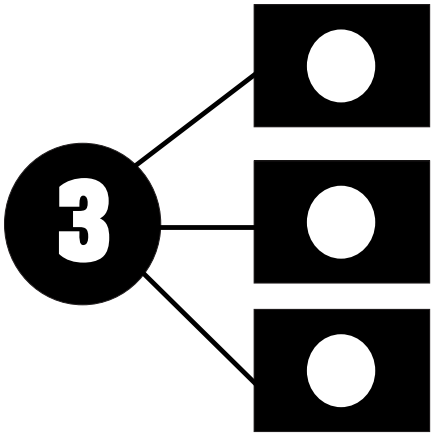
DIVISION

$9 \div 9 = 1$

DIVIDEND DIVISOR QUOTIENT

Division Strategies:

PARTITION

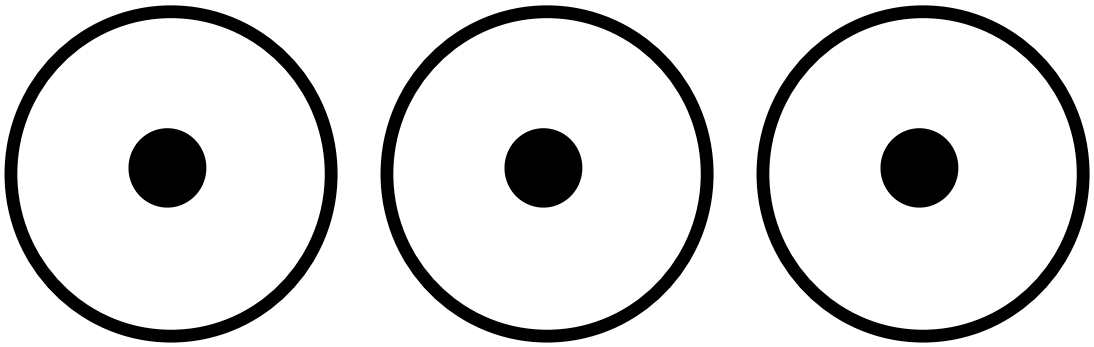


$3 \div 3 = 1$

STRATEGY POSTER

When dividing by **ITSELF**, it's always 1

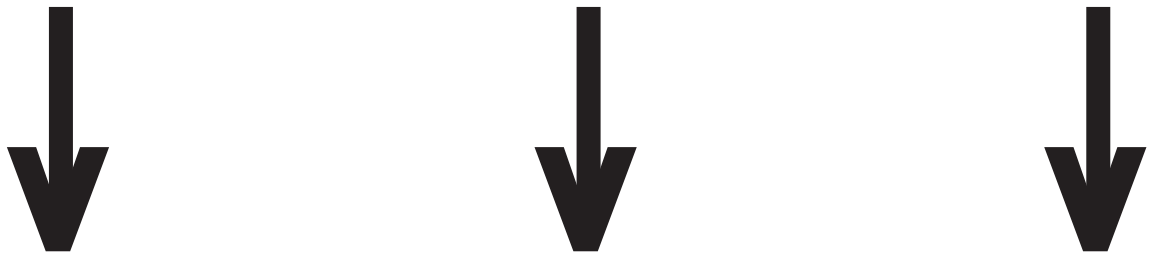
$$3 \div 3 = 1$$



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

DIVISION

$$9 \div 9 = 1$$



DIVIDEND DIVISOR QUOTIENT

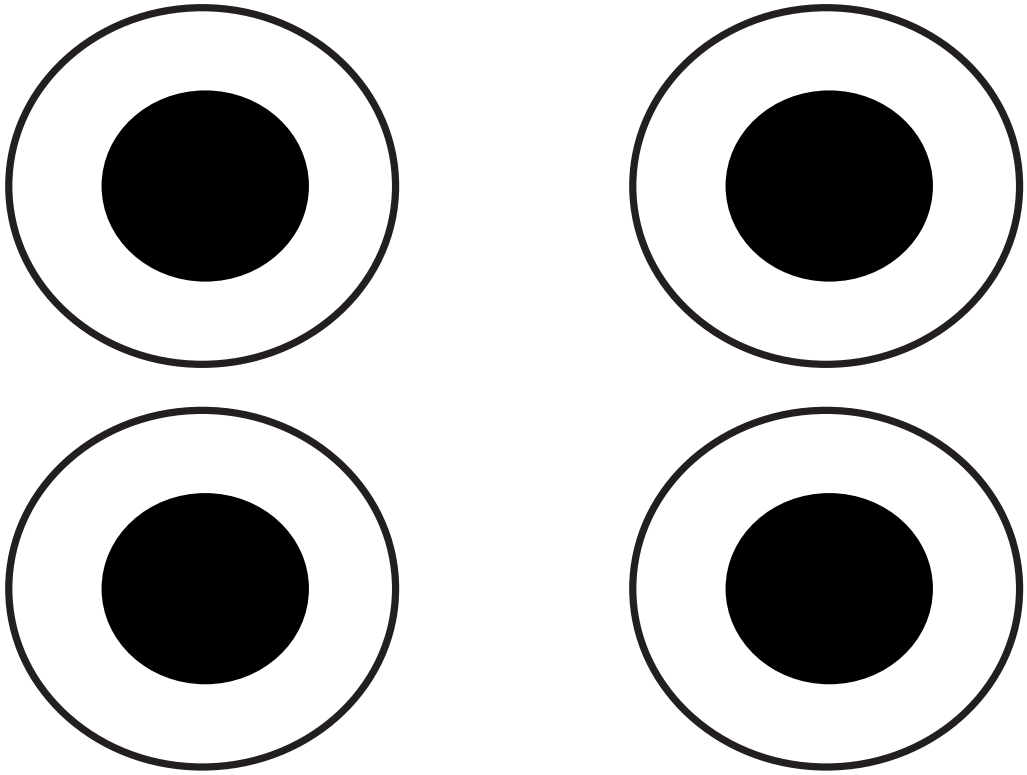
VOCABULARY

DIVISION BY ITSELF PROPERTY

DIVIDING A NUMBER BY ITSELF

$$4 \div 4 = 1$$

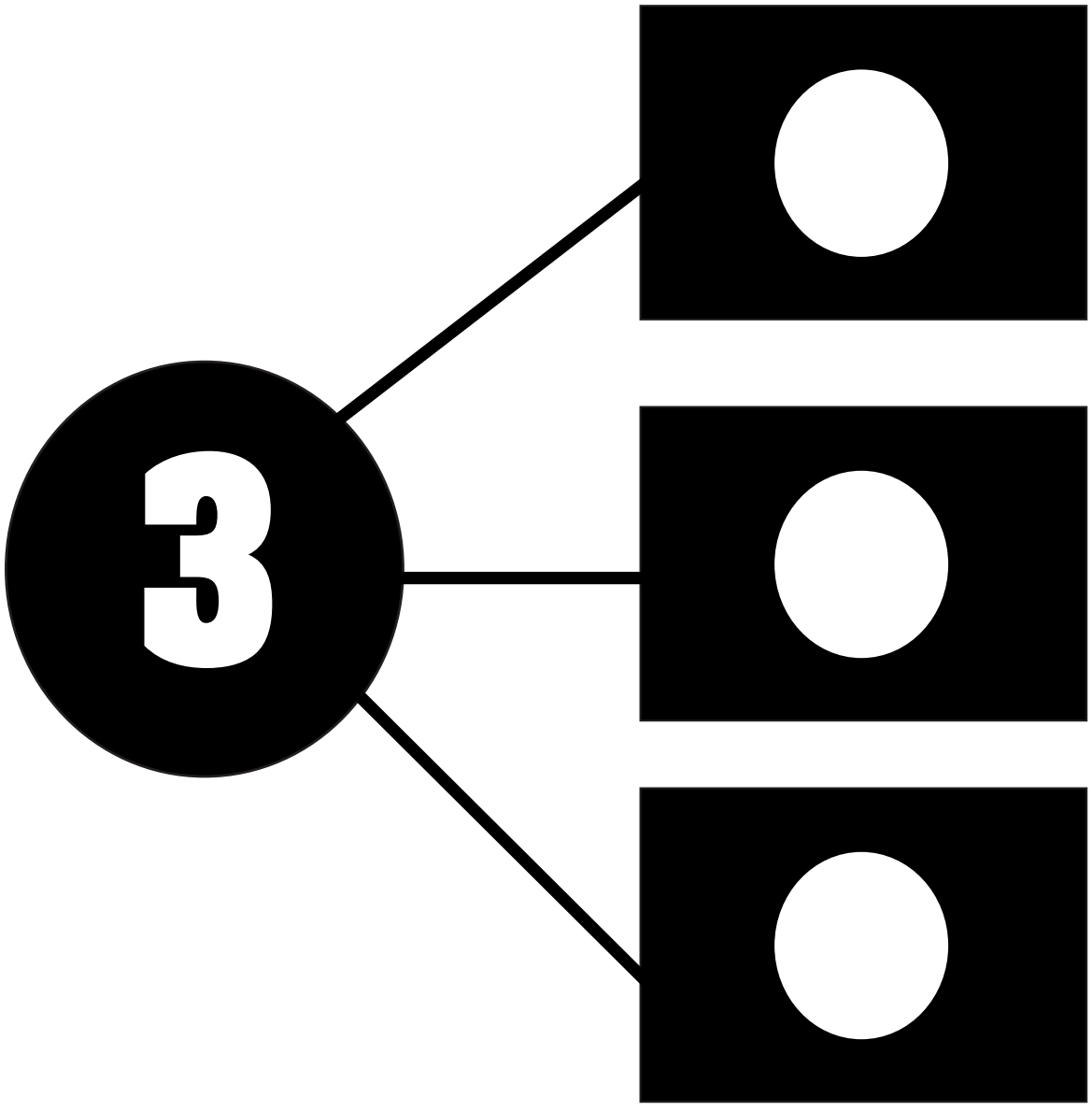
$10 \div 10$ $5 \div 5$ $8 \div 8$



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

Division Strategies:

PARTITION

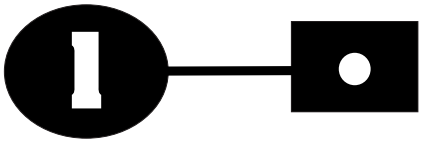


3 ÷ 3 = 1

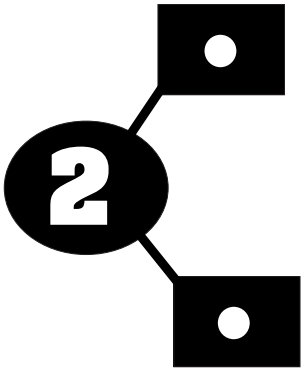
Division Strategies:

PARTITION

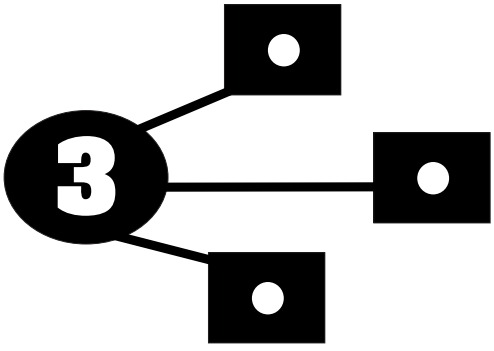
$1 \div 1 = 1$



$2 \div 2 = 1$



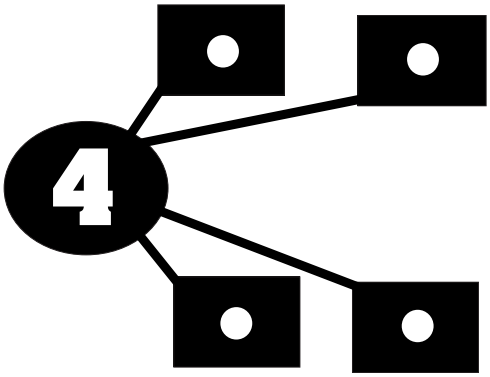
$3 \div 3 = 1$



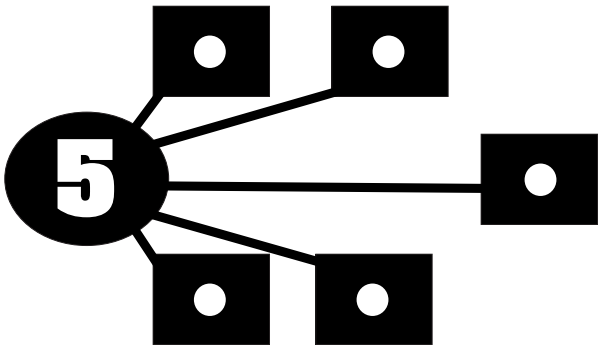
Division Strategies:

PARTITION

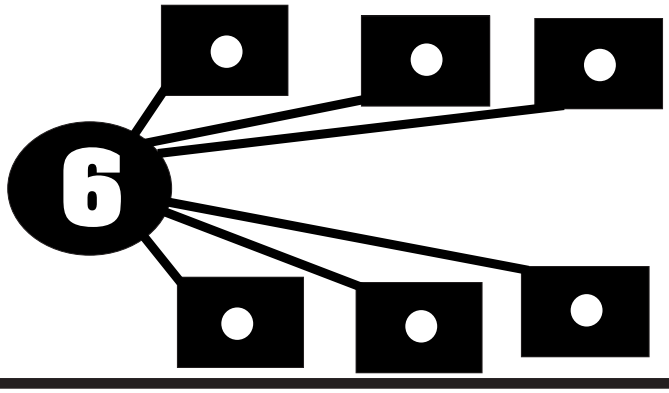
$4 \div 4 = 1$



$5 \div 5 = 1$



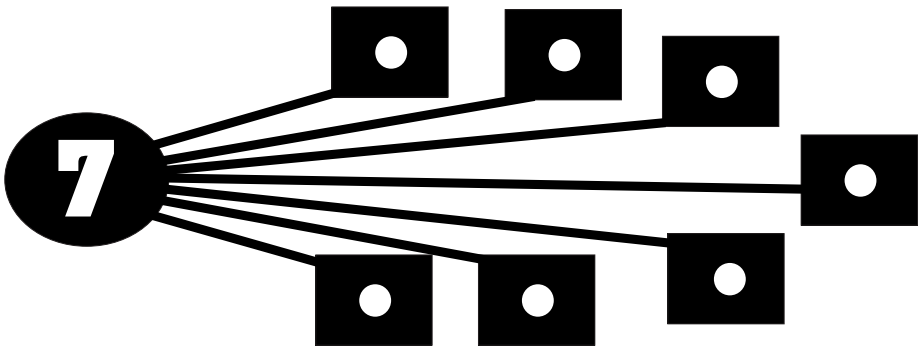
$6 \div 6 = 1$



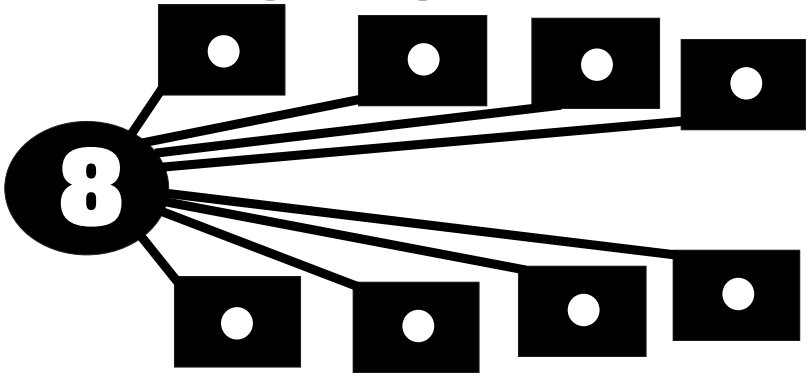
Division Strategies:

PARTITION

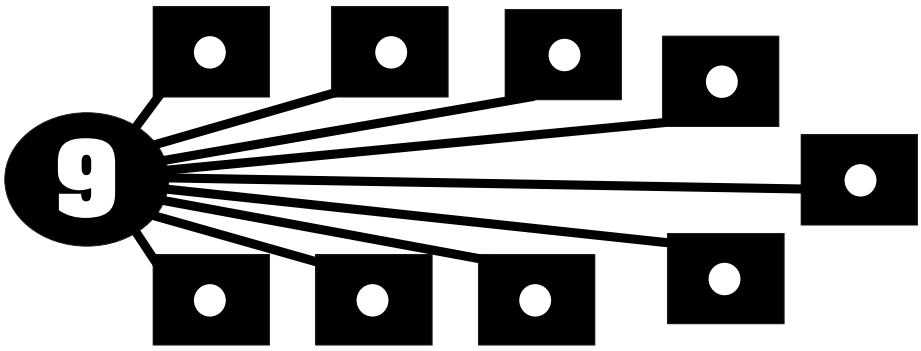
$7 \div 7 = 1$



$8 \div 8 = 1$



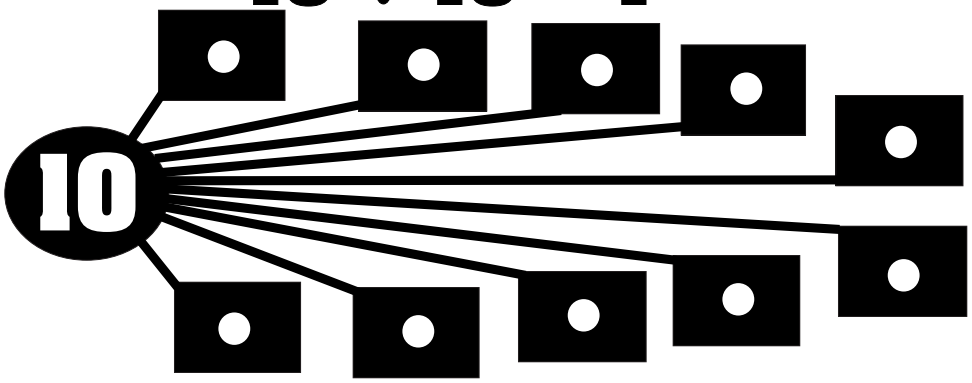
$9 \div 9 = 1$



Division Strategies:

PARTITION

10 ÷ 10 = 1



FREE CHOICE

FREE CHOICE

Division Strategies:

RELATED FACT

$6 \div 6 = \underline{1}$

think

$6 \times \underline{1} = 6$

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

think

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

$8 \div 8 = \underline{1}$

think

$8 \times \underline{1} = 8$

$9 \div 9 = \underline{1}$

think

$9 \times \underline{1} = 9$

Division Strategies:

RELATED FACT

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

think

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

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

think

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

$3 \div 3 = \underline{1}$

think

$3 \times \underline{1} = 3$

$5 \div 5 = \underline{1}$

think

$5 \times \underline{1} = 5$

Division Strategies:

RELATED FACT

10 ÷ 10 = 1

think

10 x 1 = 10

7 ÷ 7 = 1

think

7 x 1 = 7

__ ÷ __ = __

think

__ x __ = __

__ ÷ __ = __

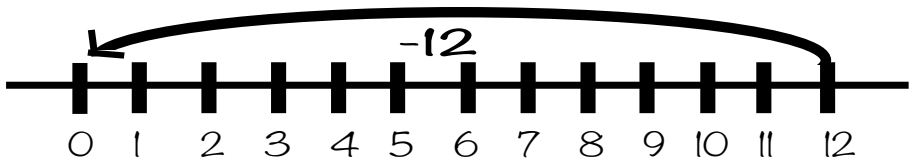
think

__ x __ = __

Division Strategies:
NUMBER LINES

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

12 ÷ 12 = 1



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?

1 ÷ 1

2 ÷ 2

3 ÷ 3

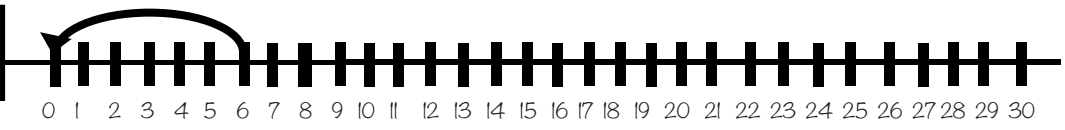
4 ÷ 4

Division Strategies:

NUMBER LINES

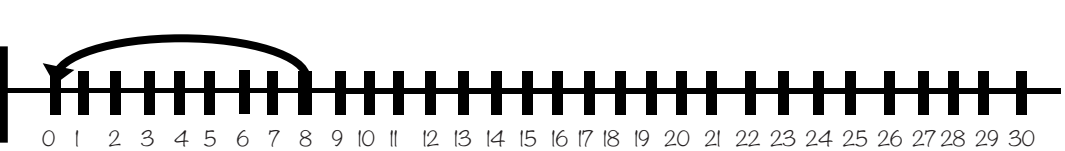
5 ÷ 5

6 ÷ 6



7 ÷ 7

8 ÷ 8



9 ÷ 9

10 ÷ 10

Division Strategies:

SKIP COUNTING CHART

1	6
2	7
3	8
4	9
5	10

Division Vocabulary

dividend **divisor** **quotient**

$$6 \div 6 = 1$$

quotient 1

divisor $6\overline{)6}$ **dividend**

dividend $\frac{6}{6} = 1$ **quotient**

divisor

Array Flashcards

USE THE MODEL TO SOLVE

1 ÷ 1 = 1

2 ÷ 2 = 1

Array Flashcards

USE THE MODEL TO SOLVE

$3 \div 3 = \underline{1}$

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

Array Flashcards

USE THE MODEL TO SOLVE

5 ÷ 5 = 1

6 ÷ 6 = 1

Array Flashcards

USE THE MODEL TO SOLVE

$7 \div 7 = \underline{1}$

$8 \div 8 = \underline{1}$

Array Flashcards

USE THE MODEL TO SOLVE

$9 \div 9 = \underline{1}$

$10 \div 10 = \underline{1}$

Array Flashcards

WRITE AN EQUATION THAT MATCHES THE ARRAY.

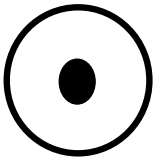
FREE CHOICE

FREE CHOICE

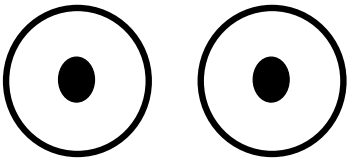
Equal Group Flashcards

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

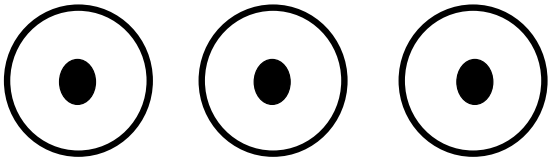
1 ÷ 1 = 1



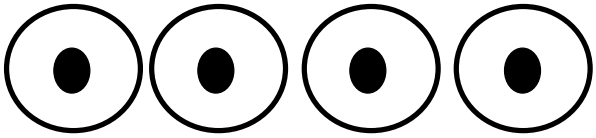
2 ÷ 2 = 1



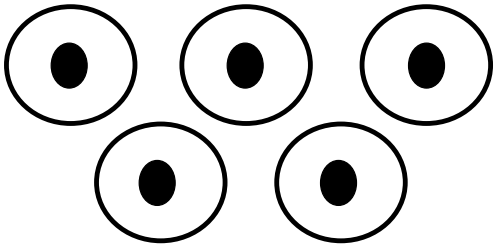
3 ÷ 3 = 1



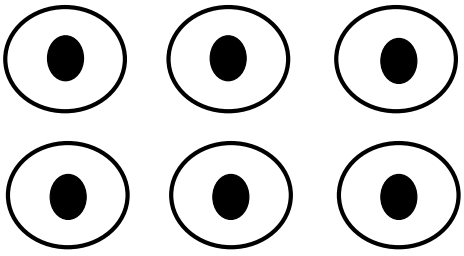
4 ÷ 4 = 1



5 ÷ 5 = 1



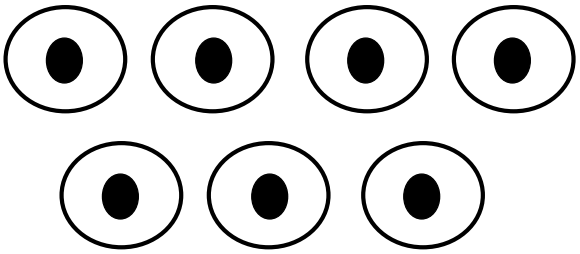
6 ÷ 6 = 1



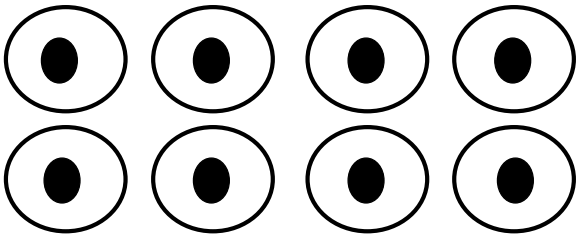
Equal Group Flashcards

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

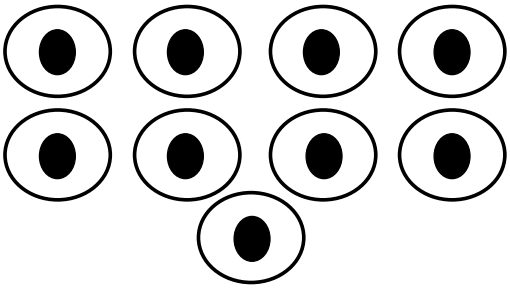
7 ÷ 7 = 1



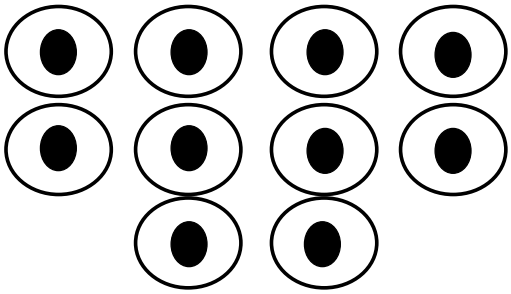
8 ÷ 8 = 1



9 ÷ 9 = 1



10 ÷ 10 = 1



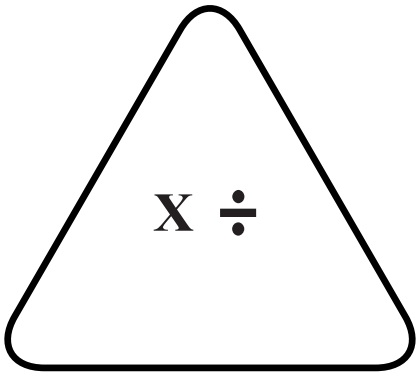
Regular Flashcards

1 ÷ 1	2 ÷ 2
3 ÷ 3	4 ÷ 4
5 ÷ 5	6 ÷ 6

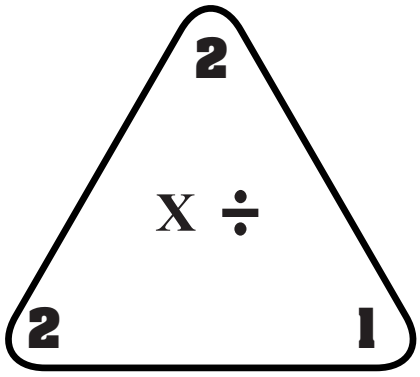
Regular Flashcards

7 ÷ 7	8 ÷ 8
9 ÷ 9	10 ÷ 10

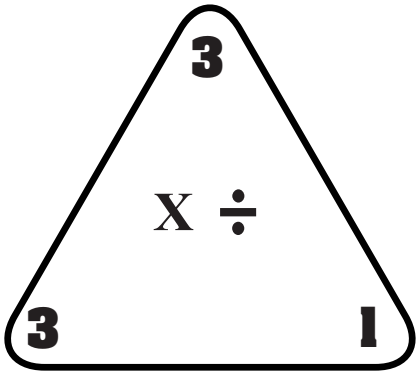
TRIANGLE FACT FAMILY



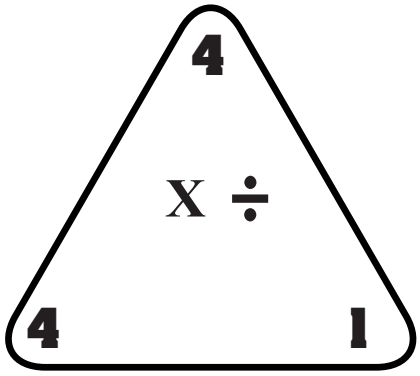
___	x	___	=	___
___	x	___	=	___
___	÷	___	=	___
___	÷	___	=	___



2	x	1	=	2
1	x	2	=	2
2	÷	1	=	2
2	÷	2	=	1

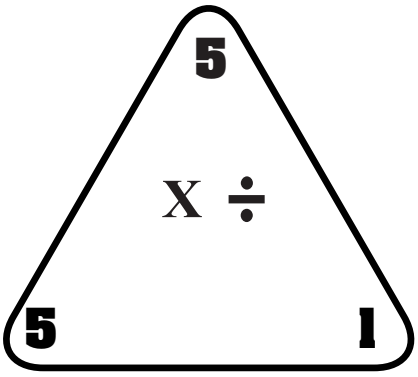


3	x	1	=	3
1	x	3	=	3
3	÷	1	=	3
3	÷	3	=	1

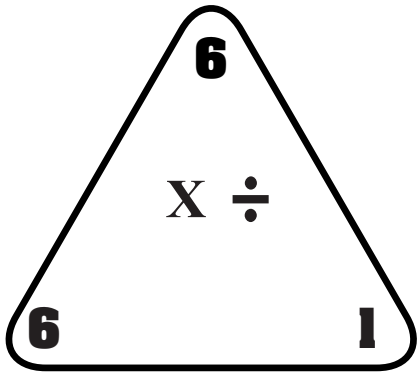


4	x	1	=	4
1	x	4	=	4
4	÷	1	=	4
4	÷	4	=	1

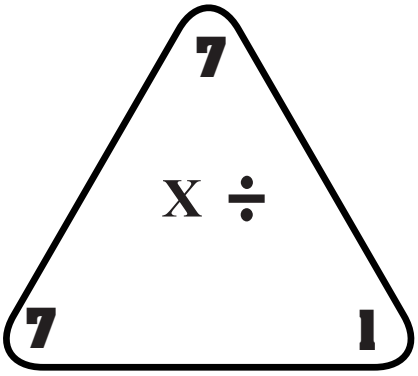
TRIANGLE FACT FAMILY



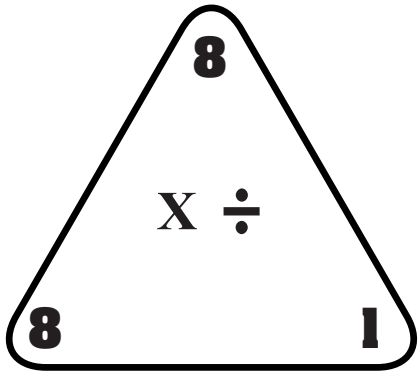
5	x	1	=	5
1	x	5	=	5
5	÷	1	=	5
5	÷	5	=	1



6	x	1	=	6
1	x	6	=	6
6	÷	1	=	6
6	÷	6	=	1

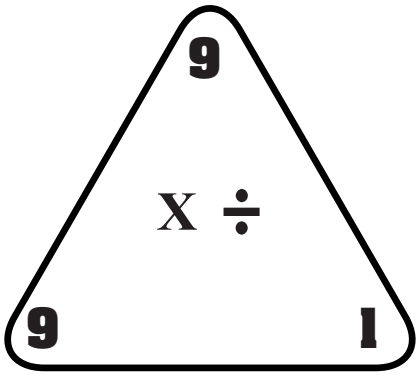


7	x	1	=	7
1	x	7	=	7
7	÷	1	=	7
7	÷	7	=	1

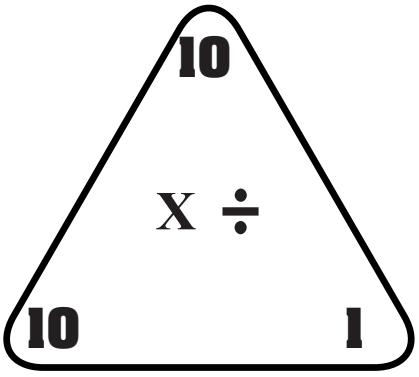


8	x	1	=	8
1	x	8	=	8
8	÷	1	=	8
8	÷	8	=	1

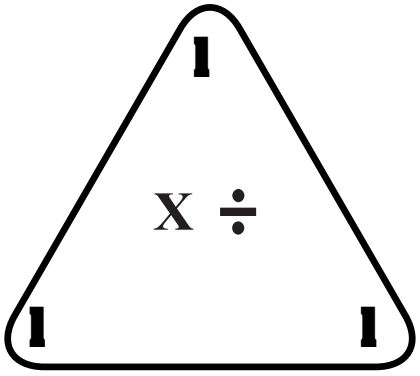
TRIANGLE FACT FAMILY



9 x 1 = 9
1 x 9 = 9
9 ÷ 1 = 9
9 ÷ 9 = 1

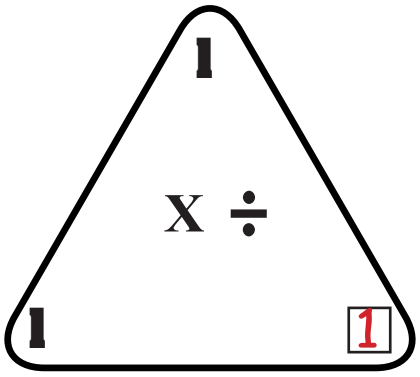


10 x 1 = 10
1 x 10 = 10
10 ÷ 1 = 10
10 ÷ 10 = 1

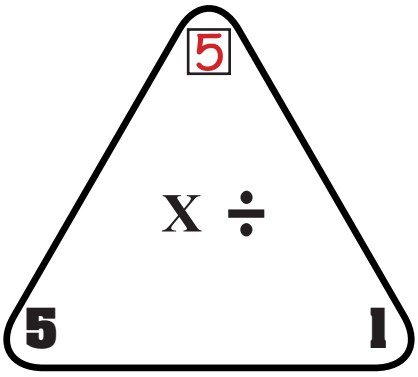


1 x 1 = 1
1 x 1 = 1
1 ÷ 1 = 1
1 ÷ 1 = 1

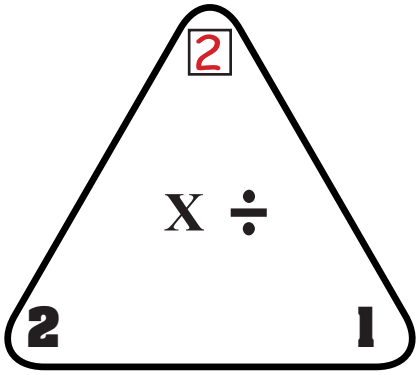
TRIANGLE FACT FAMILY



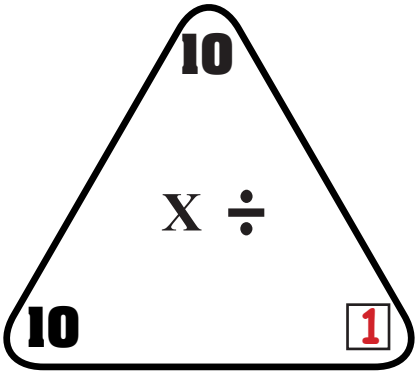
1 x 1 = 1
1 x 1 = 1
1 ÷ 1 = 1
1 ÷ 1 = 1



5 x 1 = 5
1 x 5 = 5
5 ÷ 1 = 5
5 ÷ 5 = 1

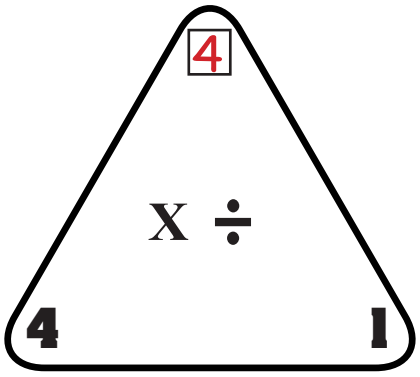


2 x 1 = 2
1 x 2 = 2
2 ÷ 1 = 2
2 ÷ 2 = 1

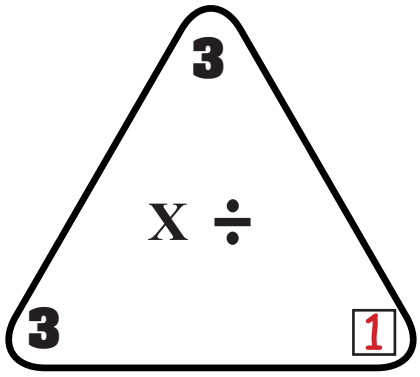


10 x 1 = 10
1 x 10 = 10
10 ÷ 1 = 10
10 ÷ 10 = 1

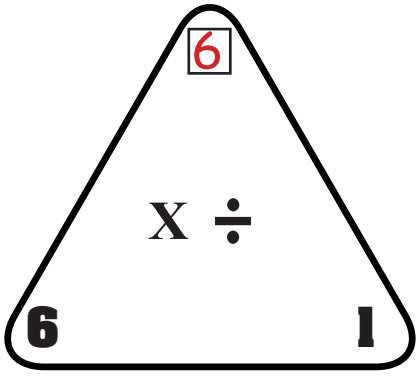
TRIANGLE FACT FAMILY



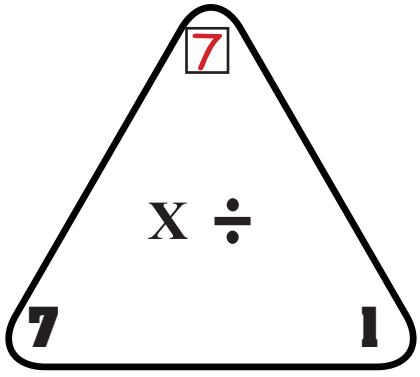
4	x	1	=	4
1	x	4	=	4
4	÷	1	=	4
4	÷	4	=	1



3	x	1	=	3
1	x	3	=	3
3	÷	1	=	3
3	÷	3	=	1



6	x	1	=	6
1	x	6	=	6
6	÷	1	=	6
6	÷	6	=	1



7	x	1	=	7
1	x	7	=	7
7	÷	1	=	7
7	÷	7	=	1

WORD PROBLEM

MODEL YOUR THINKING AND SOLVE THE PROBLEM.

THE BAKERY HAD 9 DONUTS IN 9 ROWS. THEY HAD THE SAME AMOUNT IN EACH ROW. HOW MANY WERE IN EACH ROW?

9 ÷ 9 = 1

THE BAKERY HAD 5 DONUTS. THEY PUT 5 IN A ROW. HOW MANY ROWS DID THEY MAKE?

5 ÷ 5 = 1

THE BAKERY MADE 12 MUFFINS. THEY PACKED 12 IN A BOX. HOW MANY BOXES DID THEY USE?

12 ÷ 12 = 1

THE BAKERY MADE 7 HAND PIES. THEY USED 7 BOXES. THEY PUT THE SAME AMOUNT OF PIES IN EACH BOX. HOW MANY HAND PIES DID THEY PUT IN EACH BOX?

7 ÷ 7 = 1

QUIZ

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

I CAN USE EQUAL GROUPS TO DIVIDE BY ITSELF!	I CAN USE ARRAYS TO MODEL DIVIDING BY ITSELF!

I CAN MODEL DIVIDING BY ITSELF ON THE NUMBER LINE!	MY STRATEGY FOR THINKING ABOUT DIVIDING BY ITSELF IS....

GREAT MATH WORK!

CERTIFICATE

_____

HAS SUCCESSFULLY PRACTICED DIVIDING BY ITSELF!

GREAT JOB!

TEACHER: _____ **DATE:** _____

Division by itself

1 ÷ 1 = 1	6 ÷ 6 = 1
2 ÷ 2 = 1	7 ÷ 7 = 1
3 ÷ 3 = 1	8 ÷ 8 = 1
4 ÷ 4 = 1	9 ÷ 9 = 1
5 ÷ 5 = 1	10 ÷ 10 = 1

Bookmarks


DIVIDING BY ITSELF
1 ÷ 1 = 1
2 ÷ 2 = 1
3 ÷ 3 = 1
4 ÷ 4 = 1
5 ÷ 5 = 1
6 ÷ 6 = 1
7 ÷ 7 = 1
8 ÷ 8 = 1
9 ÷ 9 = 1
10 ÷ 10 = 1
DIVIDING BY ITSELF
Hint : It's always 1 when you divide a number by itself.
DIVIDING BY ITSELF
1 ÷ 1 = 1
2 ÷ 2 = 1
3 ÷ 3 = 1
4 ÷ 4 = 1
5 ÷ 5 = 1
6 ÷ 6 = 1
7 ÷ 7 = 1
8 ÷ 8 = 1
9 ÷ 9 = 1
10 ÷ 10 = 1
DIVIDING BY ITSELF
Hint : It's always 1 when you divide a number by itself.
DIVIDING BY ITSELF
1 ÷ 1 = 1
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5 ÷ 5 = 1
6 ÷ 6 = 1
7 ÷ 7 = 1
8 ÷ 8 = 1
9 ÷ 9 = 1
10 ÷ 10 = 1
DIVIDING BY ITSELF
Hint : It's always 1 when you divide a number by itself.