

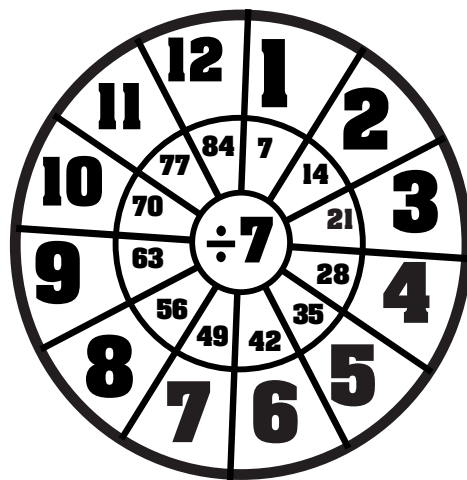
DIVIDING by 7

WORK BOOKLET ANSWER KEY

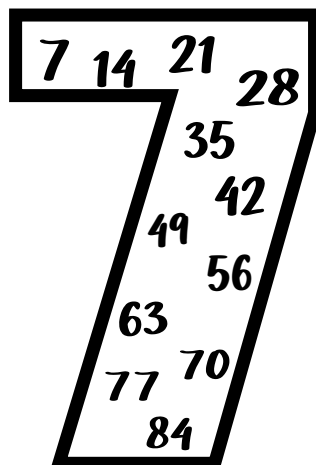
TRIANGLE FACT FAMILY

 $\begin{array}{r} \times \\ \times \\ \div \\ \div \end{array} \begin{array}{l} = \\ = \\ = \\ = \end{array}$	 $\begin{array}{r} \times \\ \times \\ \div \\ \div \end{array} \begin{array}{l} = \\ = \\ = \\ = \end{array}$
 $\begin{array}{r} \times \\ \times \\ \div \\ \div \end{array} \begin{array}{l} = \\ = \\ = \\ = \end{array}$	 $\begin{array}{r} \times \\ \times \\ \div \\ \div \end{array} \begin{array}{l} = \\ = \\ = \\ = \end{array}$

DIVISION WHEELS

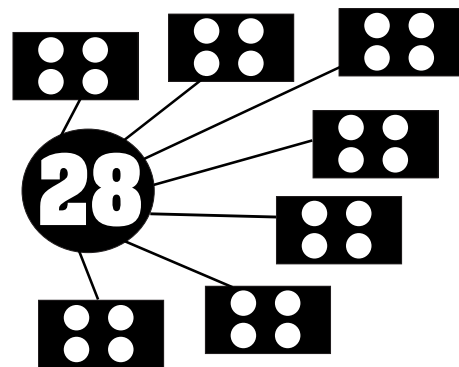


MULTIPLES OF 7



Division Strategies:

PARTITION

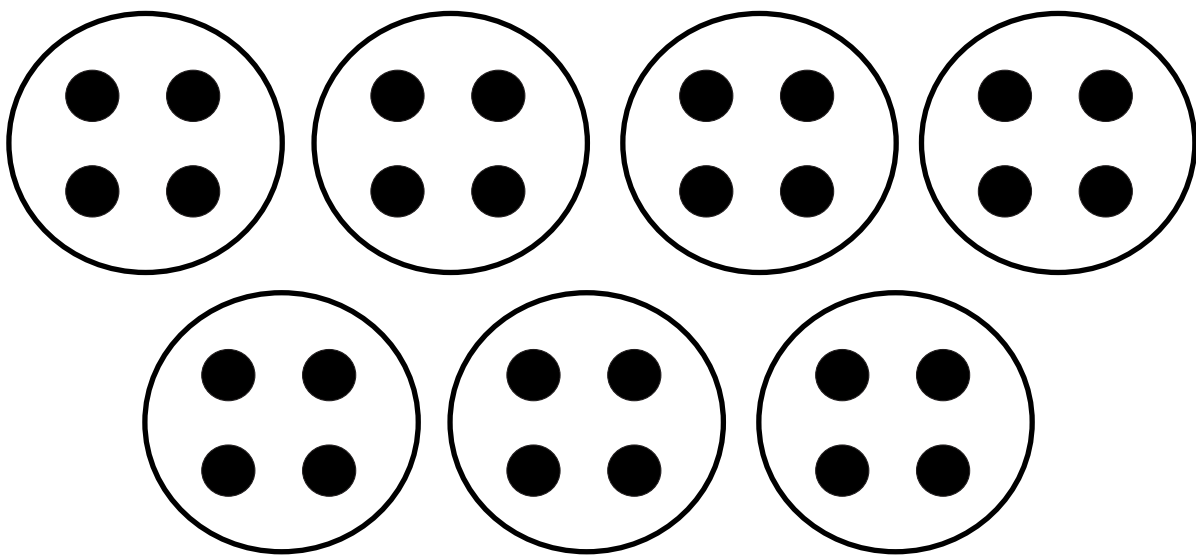


$$28 \div 7 = 4$$

STRATEGY POSTER

When dividing by **7**,
think multiplication! **$7 \times ? = 28$**

$$28 \div 7 = 4$$



Hint: Think Multiplication! $7 \times ? = 28$

DIVISION

$$42 \div 7 = 6$$



DIVIDEND

DIVISOR

QUOTIENT

MULTIPLES OF SEVEN

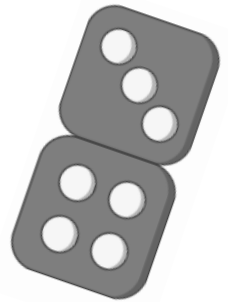
7



14



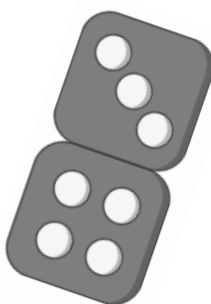
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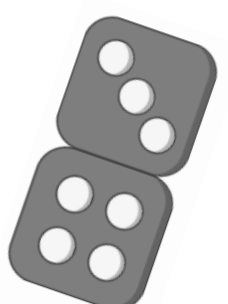
28



35



42



49



56



63



70



77

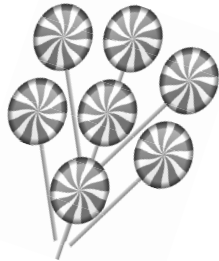


84

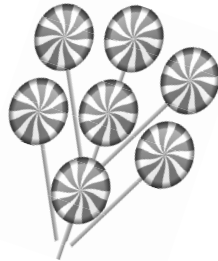


MULTIPLES OF SEVEN

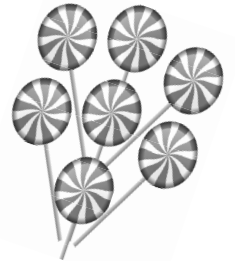
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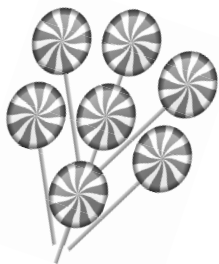
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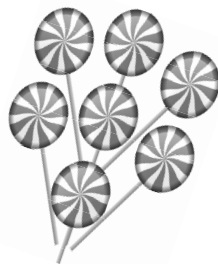
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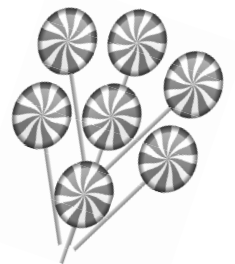
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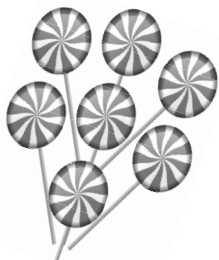
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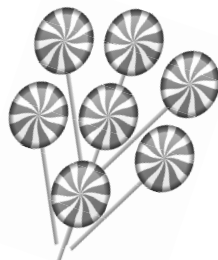
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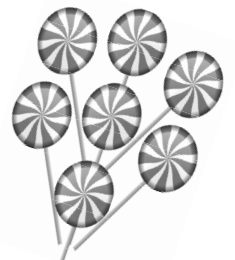
49



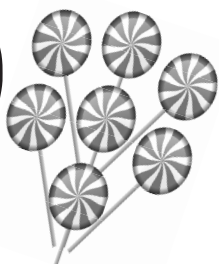
56



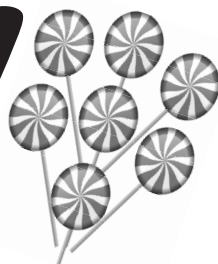
63



70



77



84



MULTIPLES OF 7

7 14 21 28
35
42
49
56
63
70
77
84

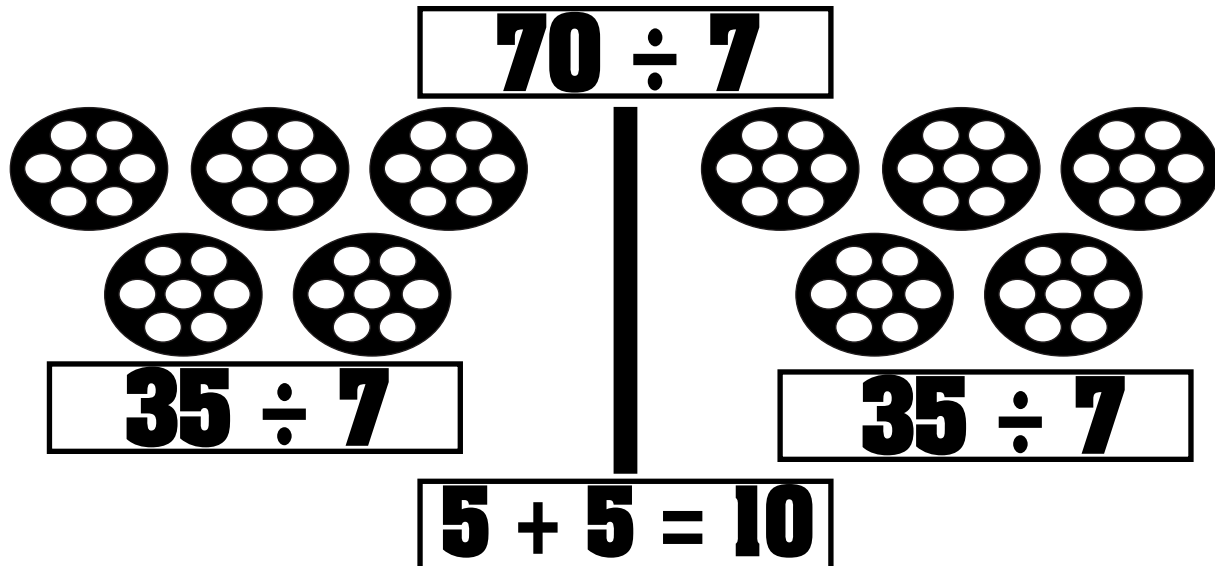


VOCABULARY

DISTRIBUTIVE PROPERTY

There were 70 marbles. I put 7 in each bag. How many bags did I use?

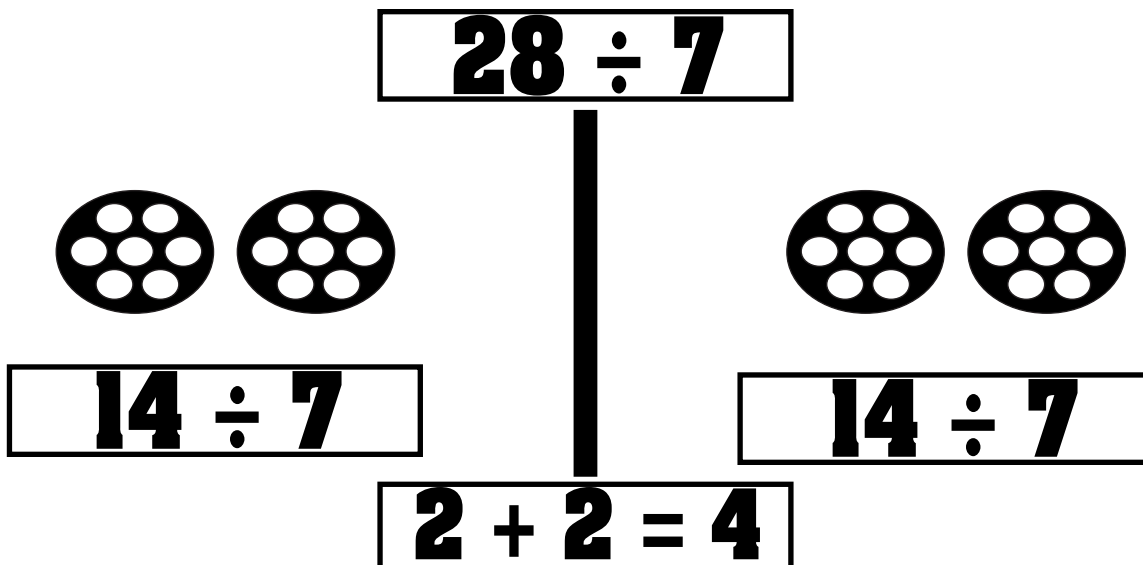
$$70 \div 7 = (35 \div 7) + (35 \div 7) = 5 + 5 = 10$$



MODEL THE FACT

There were 28 marbles. I put 7 in each bag. How many bags did I use?

$$28 \div 7 = (14 \div 7) + (14 \div 7)$$



IDENTITY PROPERTY

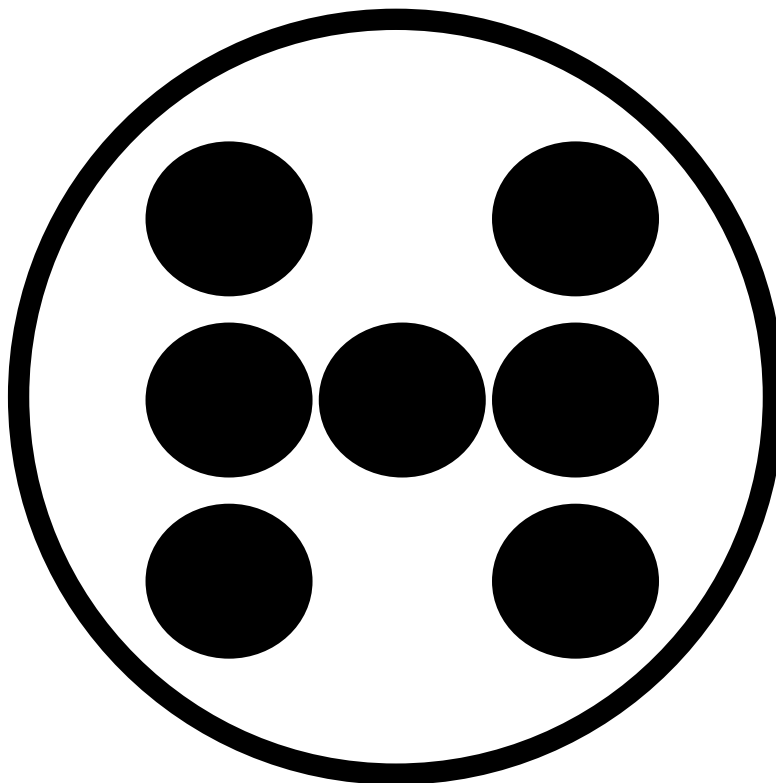
DIVIDING A NUMBER BY 1

$$7 \div 1 = 7$$

$$10 \div 1$$

$$5 \div 1$$

$$4 \div 1$$



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

ZERO PROPERTY

DIVIDING 0 BY A NUMBER

$$0 \div 7 = 0$$

$$0 \div 8$$

$$0 \div 1$$

$$0 \div 2$$

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

DIVISION BY ITSELF PROPERTY

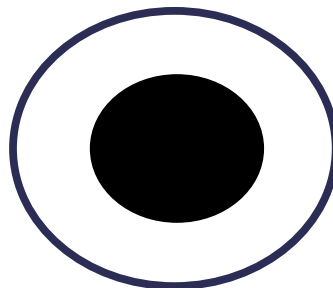
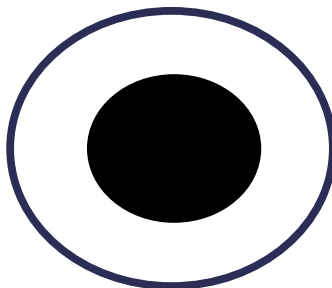
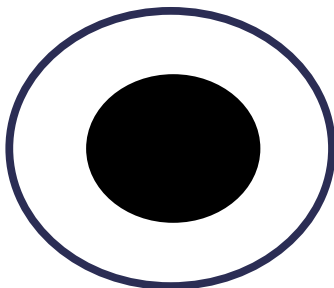
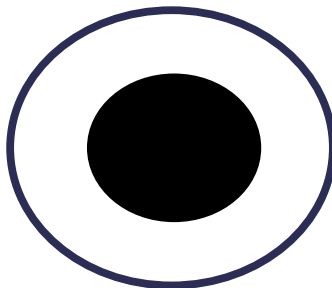
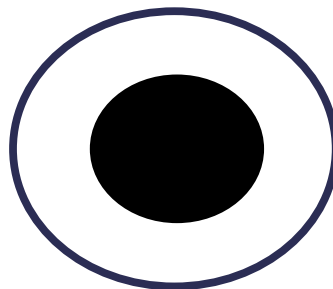
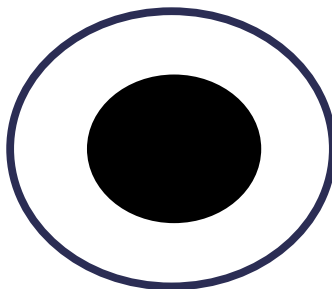
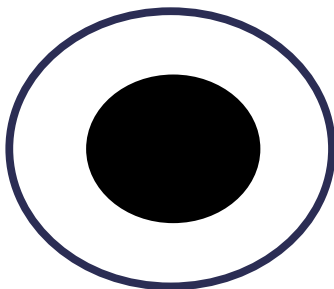
DIVIDING A NUMBER BY ITSELF

$$7 \div 7 = 1$$

$$10 \div 10$$

$$5 \div 5$$

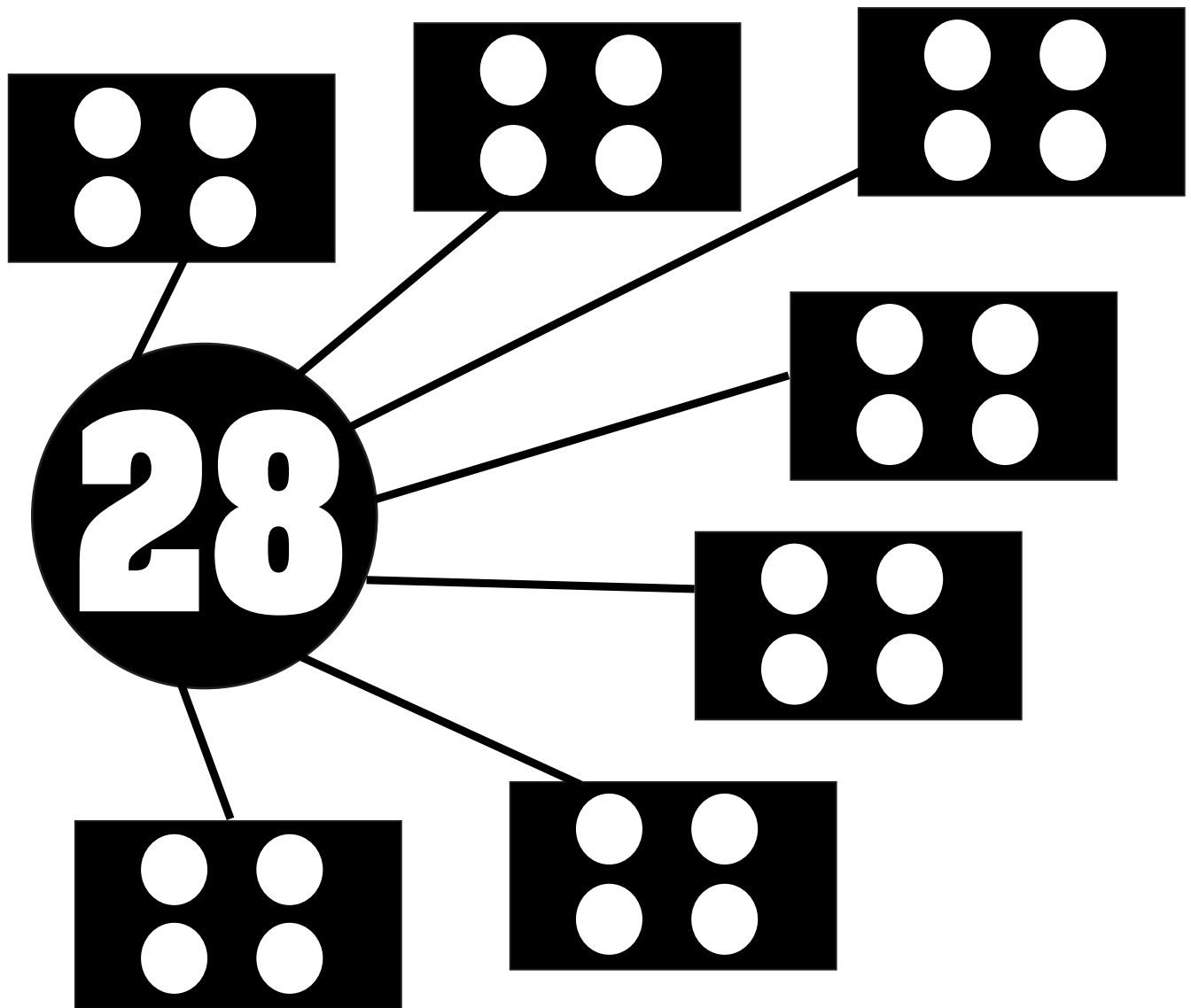
$$8 \div 8$$



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

Division Strategies:

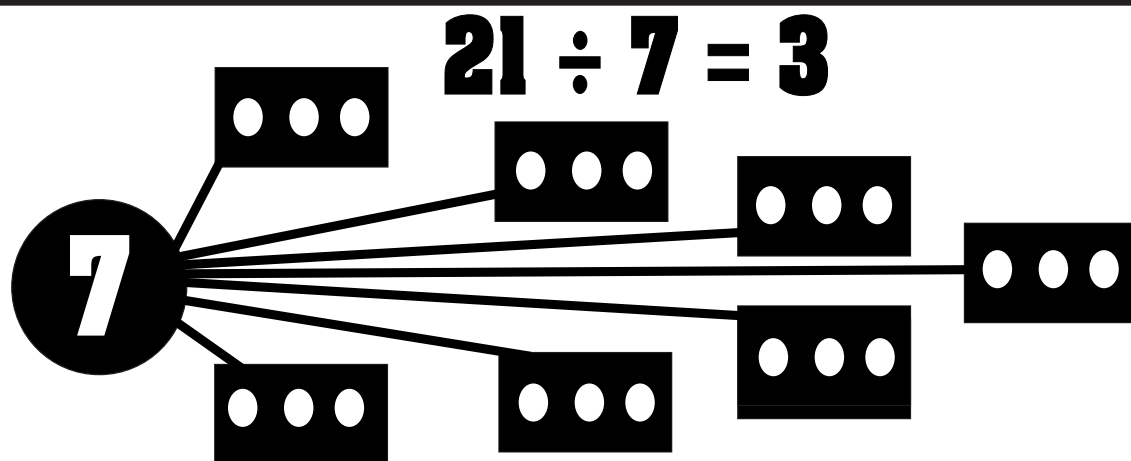
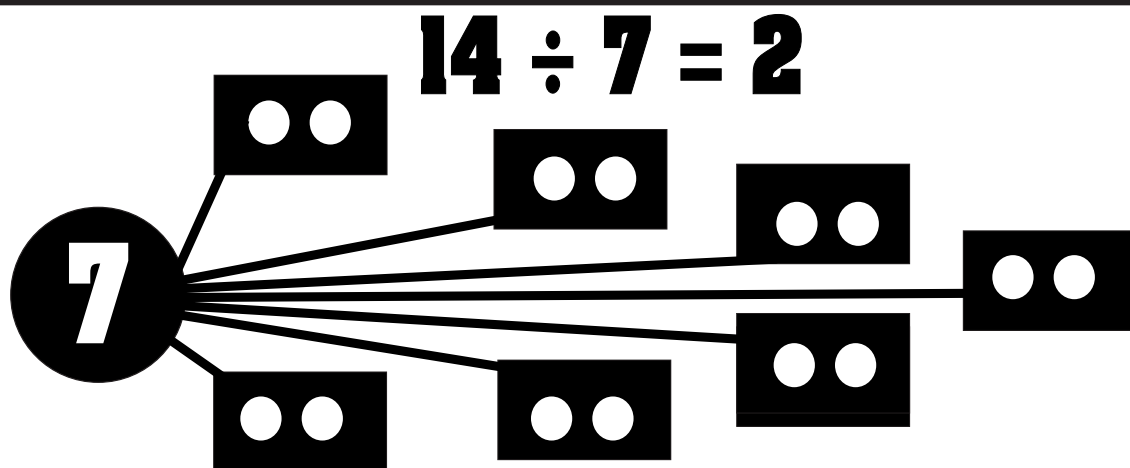
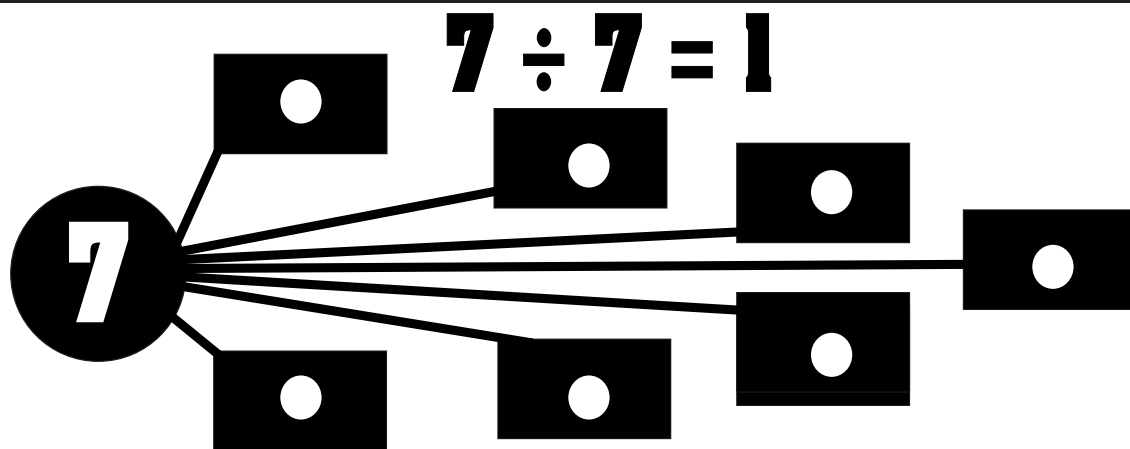
PARTITION



$$28 \div 7 = 4$$

Division Strategies:

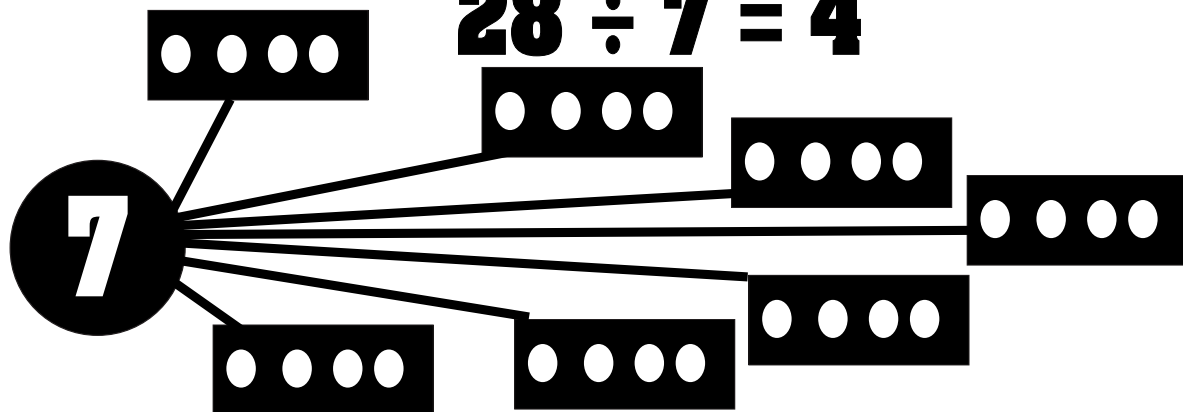
PARTITION



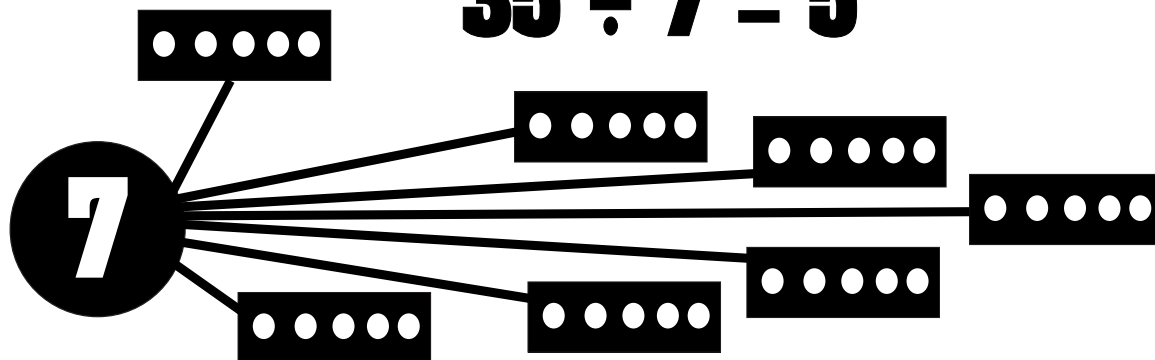
Division strategies:

PARTITION

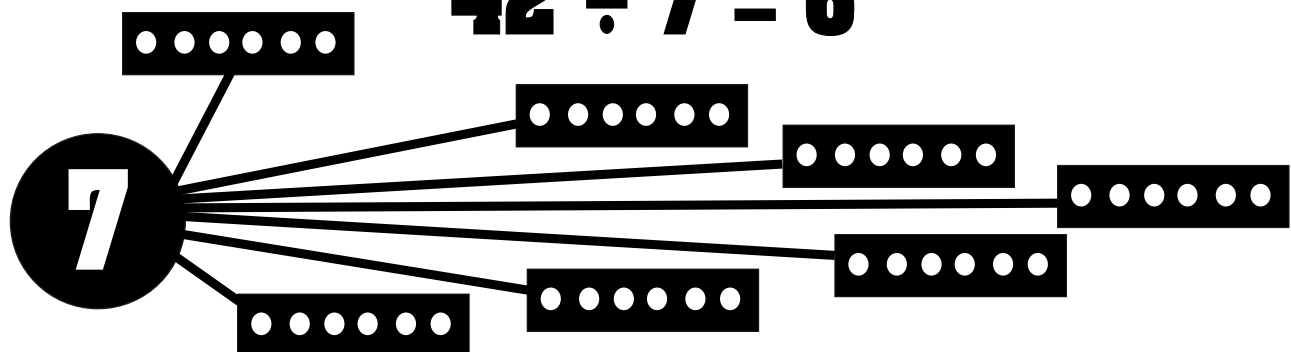
$$28 \div 7 = 4$$



$$35 \div 7 = 5$$



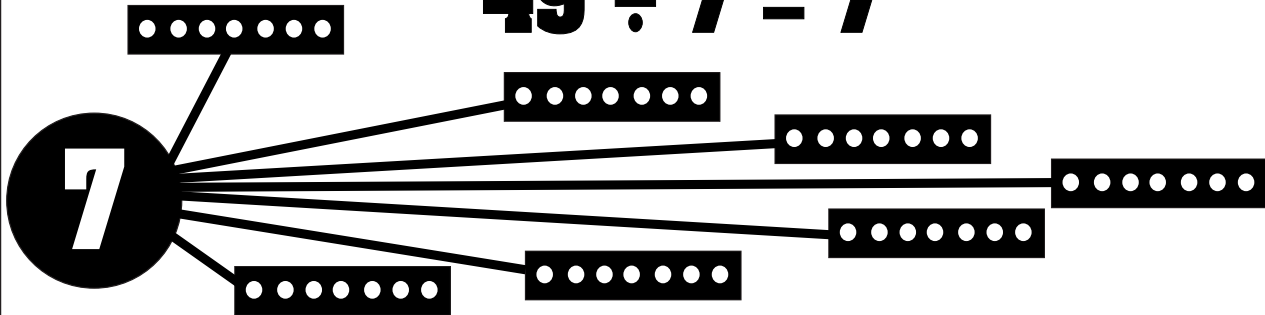
$$42 \div 7 = 6$$



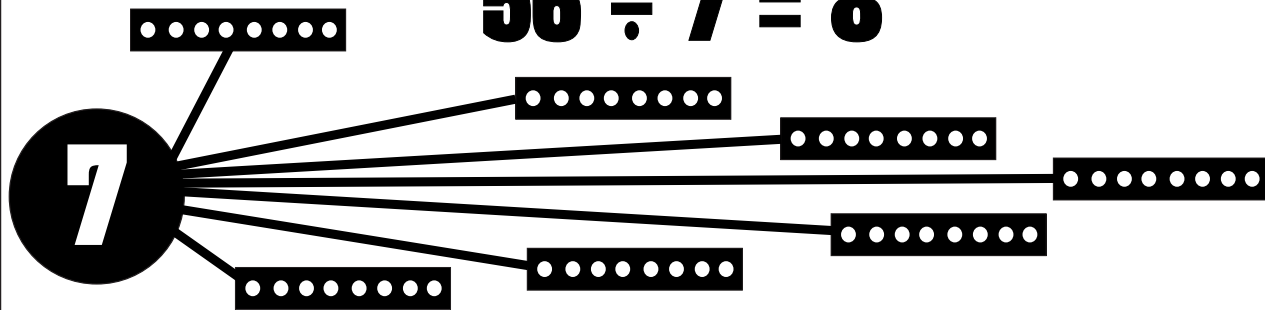
Division Strategies:

PARTITION

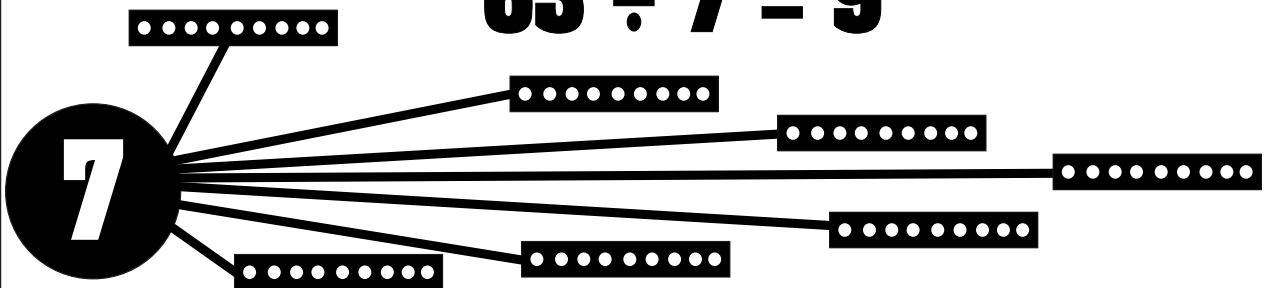
$$49 \div 7 = 7$$



$$56 \div 7 = 8$$



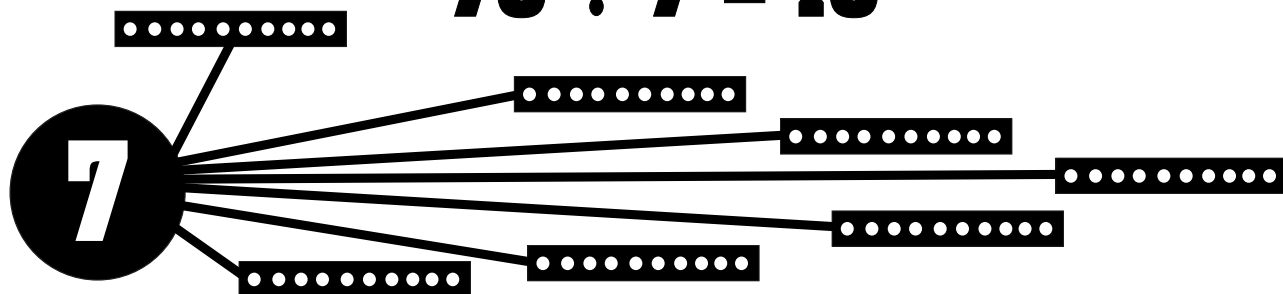
$$63 \div 7 = 9$$



Division Strategies:

PARTITION

$$70 \div 7 = 10$$



FREE CHOICE

FREE CHOICE

Division Strategies:

RELATED FACT

$$42 \div 7 = \underline{6}$$

think

$$7 \times \underline{6} = 42$$

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

think

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

$$56 \div 7 = \underline{8}$$

think

$$7 \times \underline{8} = 56$$

$$63 \div 7 = \underline{9}$$

think

$$7 \times \underline{9} = 63$$

Division Strategies:

RELATED FACT

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

think

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

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

think

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

$$21 \div 7 = \underline{3}$$

think

$$7 \times \underline{3} = 21$$

$$35 \div 7 = \underline{5}$$

think

$$7 \times \underline{5} = 35$$

Division Strategies:

RELATED FACT

$$70 \div 7 = \underline{10}$$

think

$$7 \times \underline{10} = 70$$

$$49 \div 7 = \underline{7}$$

think

$$7 \times \underline{7} = 49$$

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

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

$$42 \div 7 = ?$$

$$42 - 7 = 35$$

$$35 - 7 = 28$$

$$28 - 7 = 21$$

$$21 - 7 = 14$$

$$14 - 7 = 7$$

$$7 - 7 = 0$$

$$42 \div 7 = \boxed{6}$$

Division Strategies:

REPEATED SUBTRACTION

$$42 \div 7 = ?$$

$$42 - \underline{7} = 35$$

$$\underline{35} - \underline{7} = 28$$

$$\underline{28} - \underline{7} = 21$$

$$21 - \underline{7} = 14$$

$$14 - \underline{7} = 7$$

$$\underline{7} - \underline{7} = 0$$

$$42 \div 7 = \boxed{6}$$

Division Strategies:

REPEATED SUBTRACTION

$$49 \div 7 = ?$$

$$49 - \underline{7} = 42$$

$$42 - \underline{7} = 35$$

$$\underline{35} - 7 = 28$$

$$\underline{28} - 7 = 21$$

$$21 - \underline{7} = 14$$

$$14 - \underline{7} = 7$$

$$\underline{7} - 7 = 0$$

$$49 \div 7 = \boxed{7}$$

Division Strategies:

REPEATED SUBTRACTION

$$35 \div 7 = ?$$

$$\underline{35} - 7 = 28$$

$$\underline{28} - 7 = 21$$

$$21 - \underline{7} = 14$$

$$14 - \underline{7} = 7$$

$$\underline{7} - 7 = 0$$

$$35 \div 7 = \boxed{5}$$

Division Strategies:

REPEATED SUBTRACTION

$$56 \div 7 = ?$$

$$56 - \underline{7} = 49$$

$$49 - \underline{7} = 42$$

$$42 - \underline{7} = 35$$

$$\underline{35} - 7 = 28$$

$$\underline{28} - 7 = 21$$

$$21 - \underline{7} = 14$$

$$14 - \underline{7} = 7$$

$$\underline{7} - 7 = 0$$

$$56 \div 7 = \boxed{8}$$

Division Strategies:

REPEATED SUBTRACTION

$$70 \div 7 = ?$$

$$70 - \underline{7} = 63$$

$$63 - \underline{7} = 56$$

$$56 - \underline{7} = 49$$

$$49 - \underline{7} = 42$$

$$42 - \underline{7} = 35$$

$$\underline{35} - 7 = 28$$

$$\underline{28} - 7 = 21$$

$$21 - \underline{7} = 14$$

$$14 - \underline{7} = 7$$

$$7 - \underline{7} = 0$$

$$70 \div 7 = \boxed{10}$$

Modeling Division: **SKIP COUNTING**

DRAW ON A NUMBER LINE

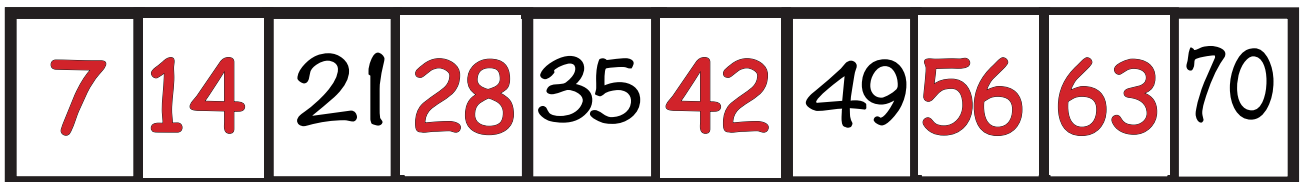
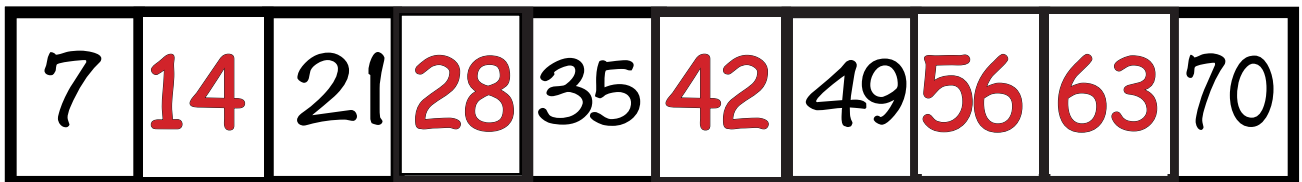


7 14 21 28 35 42 49 56 63 70



7 14 21 28 35 42 49 56 63 70

FILL IN THE MISSING NUMBERS



Modeling Division:

SKIP COUNTING

FILL IN THE MISSING NUMBERS

7	14	21	28	35	42	49	56	63	70
---	----	----	----	----	----	----	----	----	----

FILL IN THE MISSING NUMBERS

7	14	21	28	35	42	49	56	63	70
---	----	----	----	----	----	----	----	----	----

FILL IN THE MISSING NUMBERS

7	14	21	28	35	42	49	56	63	70
---	----	----	----	----	----	----	----	----	----

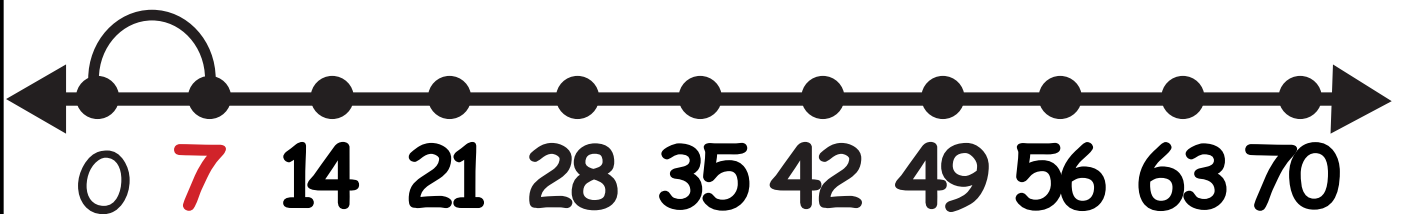
FILL IN THE MISSING NUMBERS

7	14	21	28	35	42	49	56	63	70
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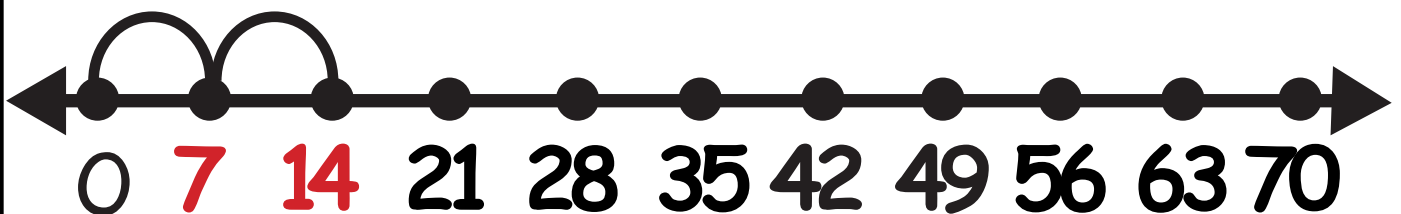
Division Strategies:

SKIP COUNTING

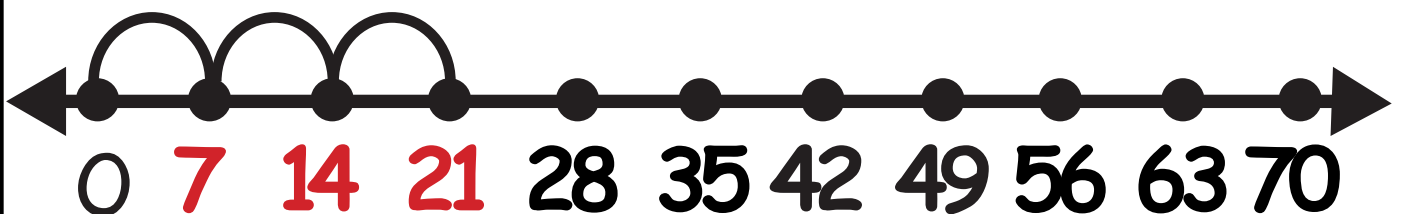
MODEL $7 \div 7$ ON THE NUMBER LINE



MODEL $14 \div 7$ ON THE NUMBER LINE



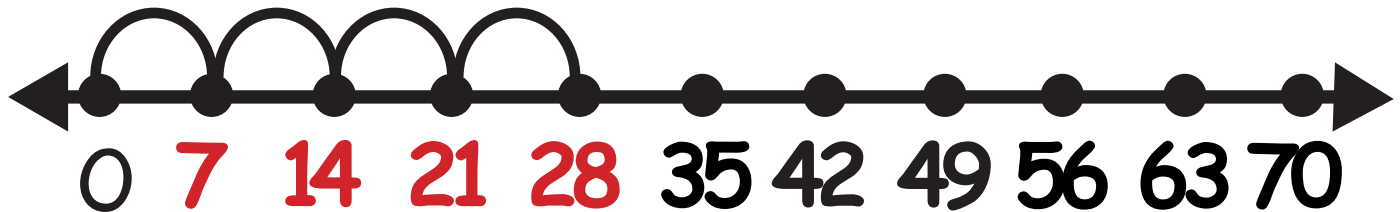
MODEL $21 \div 7$ ON THE NUMBER LINE



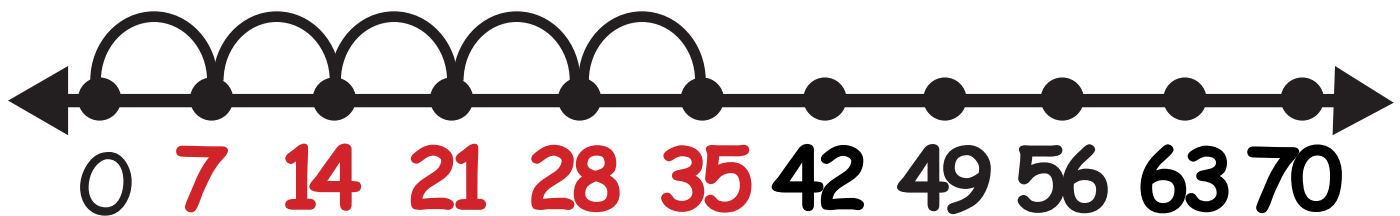
Division Strategies:

SKIP COUNTING

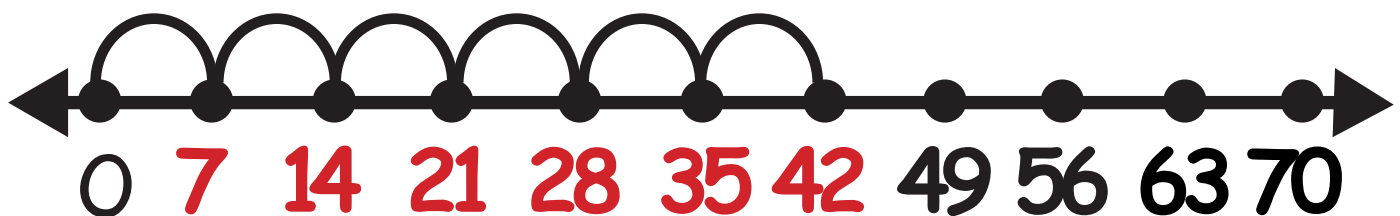
MODEL $28 \div 7$ ON THE NUMBER LINE



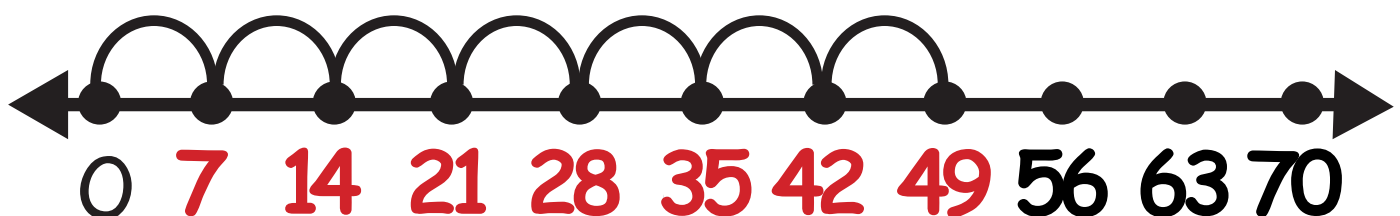
MODEL $35 \div 7$ ON THE NUMBER LINE



MODEL $42 \div 7$ ON THE NUMBER LINE

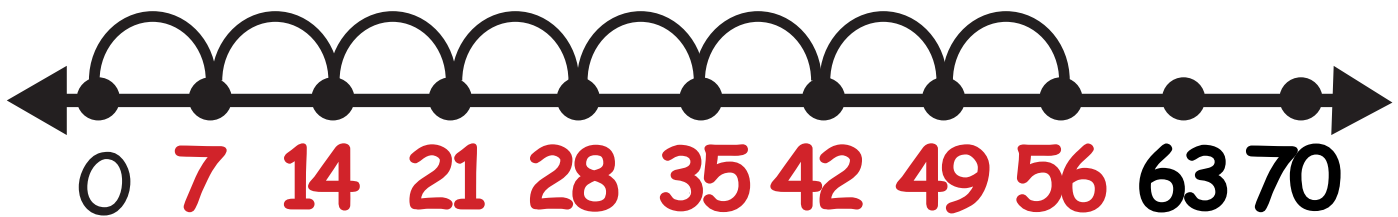


MODEL $49 \div 7$ ON THE NUMBER LINE

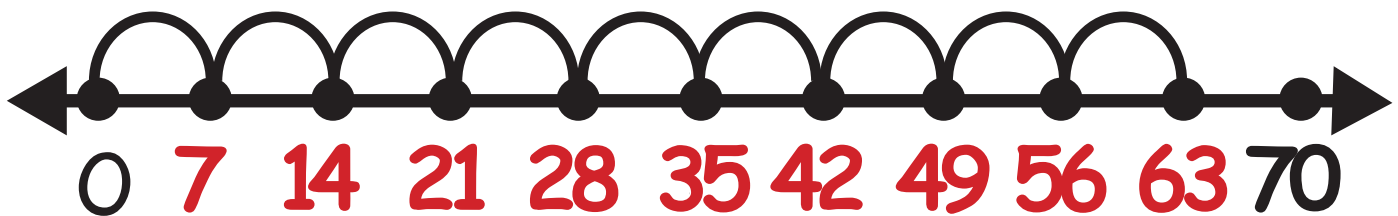


Division Strategies: **SKIP COUNTING**

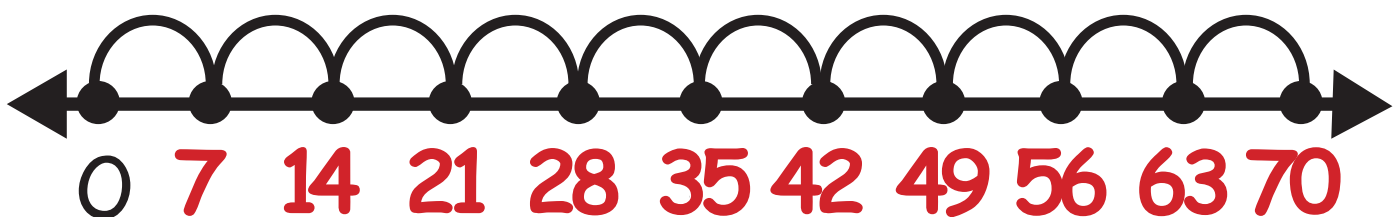
MODEL $56 \div 7$ ON THE NUMBER LINE



MODEL $63 \div 7$ ON THE NUMBER LINE



MODEL $70 \div 7$ ON THE NUMBER LINE



Division Strategies:

NUMBER LINES

THERE ARE 14 COOKIES AND YOU PUT 7 IN A BAG. HOW MANY BAGS DO YOU HAVE?

$$14 \div 7 = 2$$



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?

$$7 \div 7$$



$$14 \div 7$$



$$21 \div 7$$



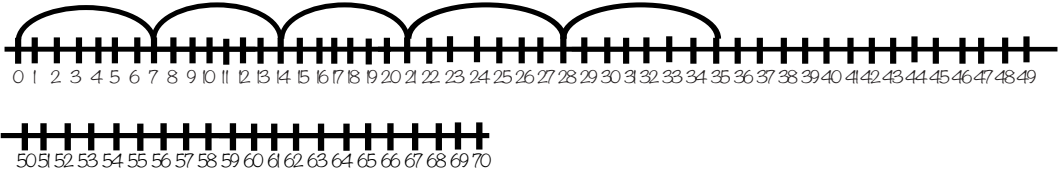
$$28 \div 7$$



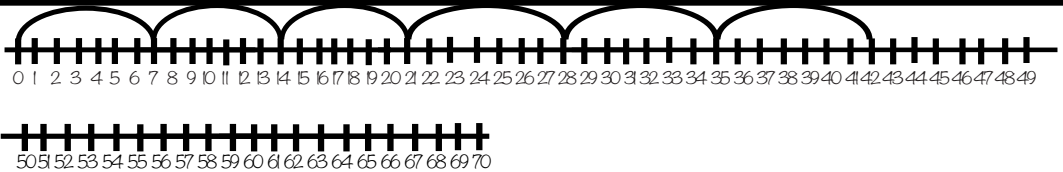
Division Strategies:

NUMBER LINES / SKIP COUNTING NUMBER LINE

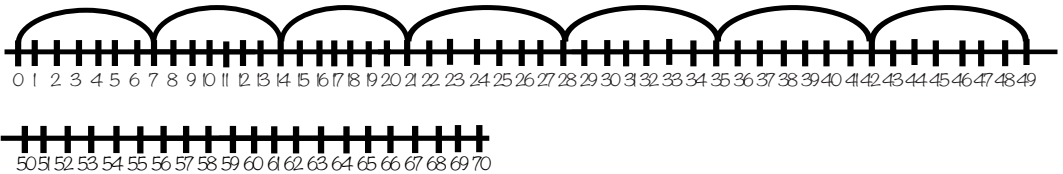
$35 \div 7$



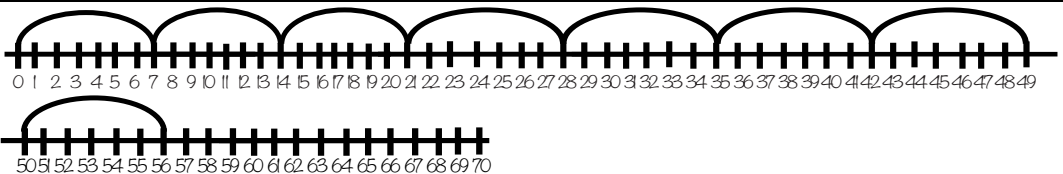
$42 \div 7$



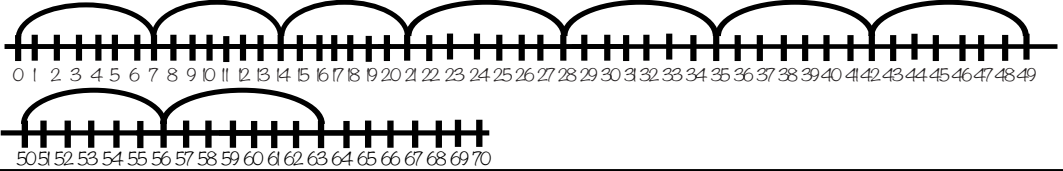
$49 \div 7$



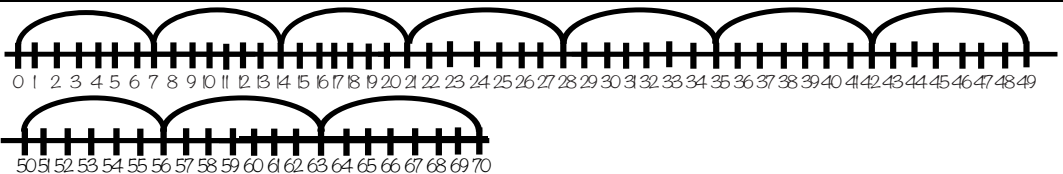
$56 \div 7$



$63 \div 7$



$70 \div 7$



Division Strategies: **SKIP COUNTING CHART**

7

14

21

28

35

42

49

56

63

70

Division Vocabulary

dividend

divisor

quotient

$$56 \div 7 = 8$$

divisor

7

56

8

quotient

dividend

dividend

56

= 8

quotient

divisor

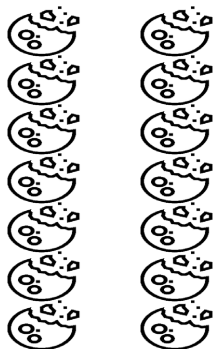
7

Array Flashcards

USE THE MODEL TO SOLVE



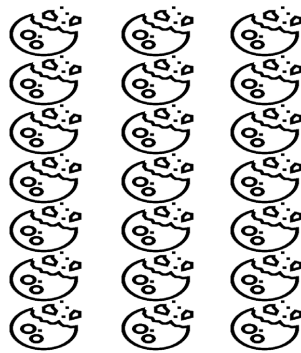
$$7 \div 7 = \underline{1}$$



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

Array Flashcards

USE THE MODEL TO SOLVE



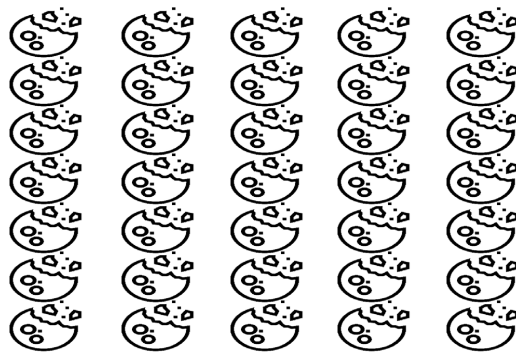
$$21 \div 7 = \underline{3}$$



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

Array Flashcards

USE THE MODEL TO SOLVE



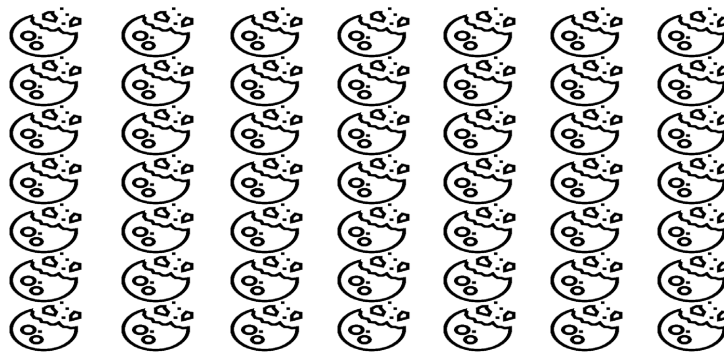
$$35 \div 7 = \underline{5}$$



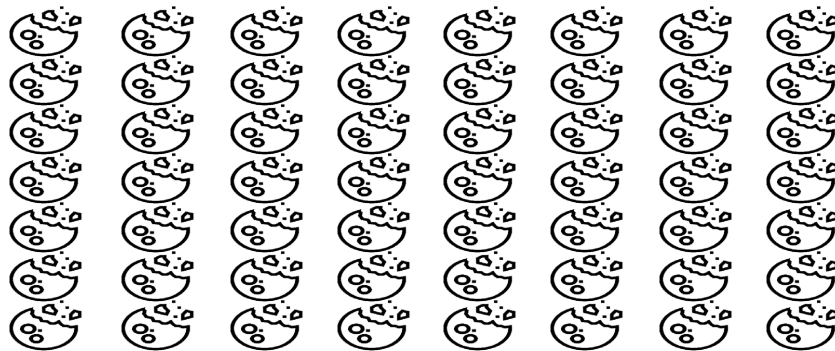
$$42 \div 7 = \underline{6}$$

Array Flashcards

USE THE MODEL TO SOLVE



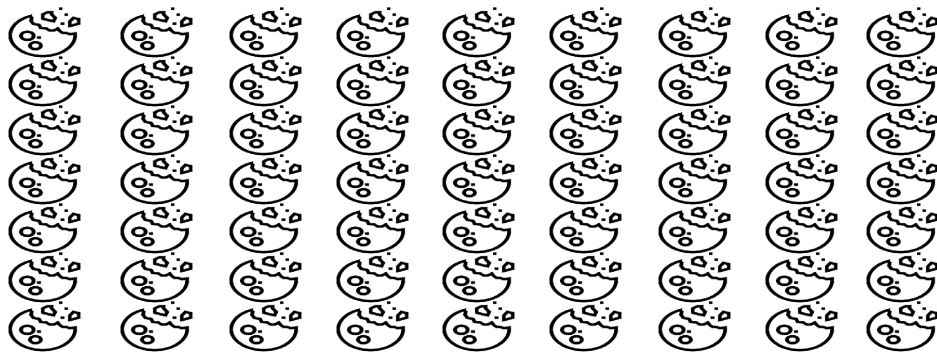
$$49 \div 7 = \underline{7}$$



$$56 \div 7 = \underline{8}$$

Array Flashcards

USE THE MODEL TO SOLVE



$$63 \div 7 = \underline{9}$$



$$70 \div 7 = \underline{10}$$

Array Flashcards

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

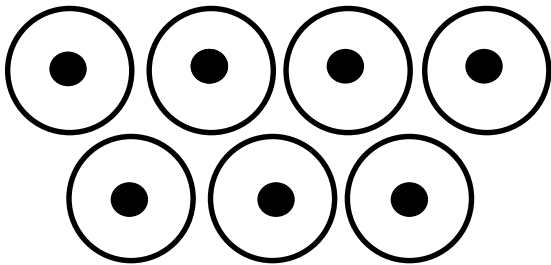
FREE CHOICE

FREE CHOICE

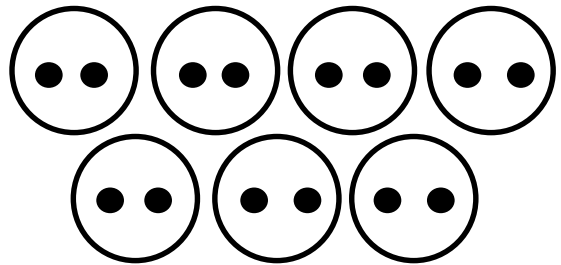
Equal Group Flashcards

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

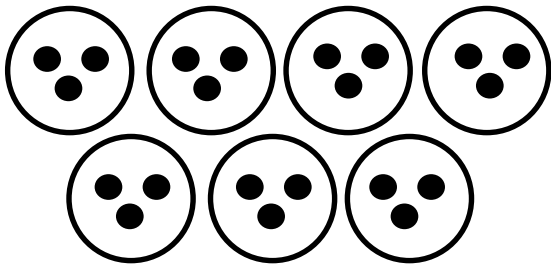
$$7 \div 7 = \underline{1}$$



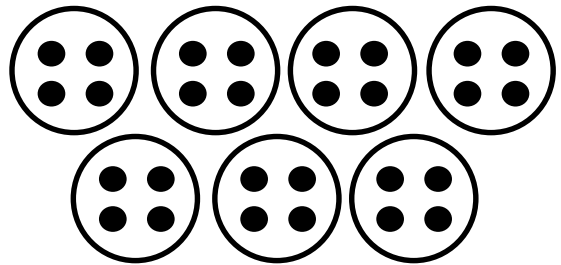
$$14 \div 7 = \underline{2}$$



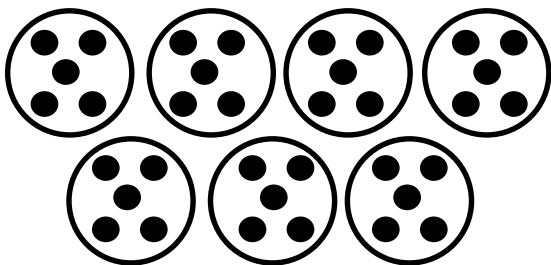
$$21 \div 7 = \underline{3}$$



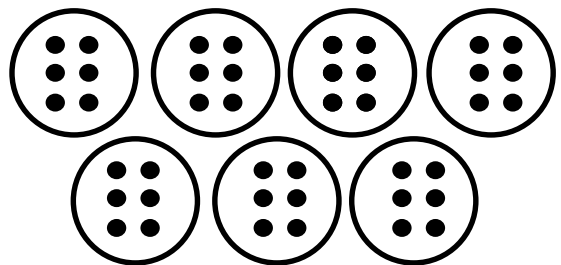
$$28 \div 7 = \underline{4}$$



$$35 \div 7 = \underline{5}$$



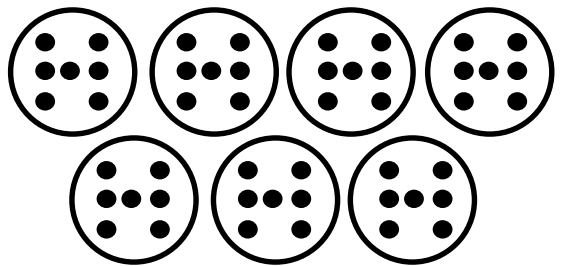
$$42 \div 7 = \underline{6}$$



Equal Group Flashcards

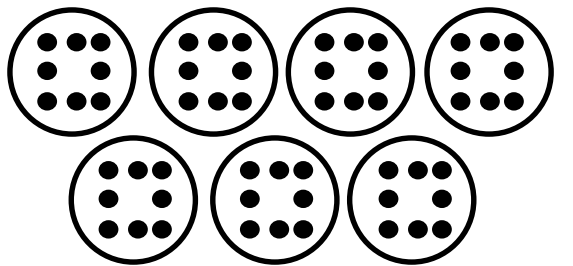
MAKE YOUR OWN EQUAL GROUP FLASHCARDS. DRAW EQUAL GROUPS TO MODEL THE PROBLEM.

49 ÷ 7 = 7



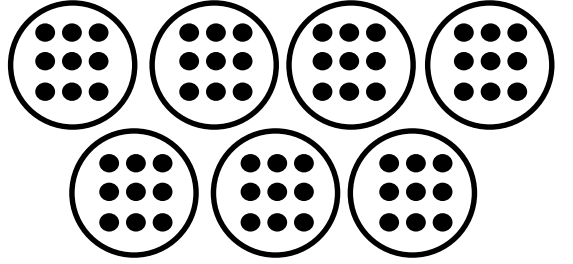
A rectangular box containing 7 circles, each with 7 dots arranged in a 3-2 pattern (3 dots in the top row, 2 dots in the bottom row). The circles are arranged in two rows: 4 in the top row and 3 in the bottom row.

56 ÷ 7 = 8



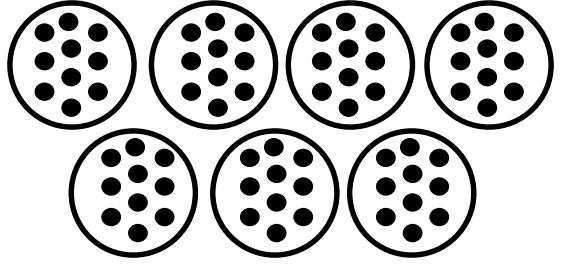
A rectangular box containing 8 circles, each with 7 dots arranged in a 3-2 pattern (3 dots in the top row, 2 dots in the bottom row). The circles are arranged in two rows: 4 in the top row and 4 in the bottom row.

63 ÷ 7 = 9



A rectangular box containing 9 circles, each with 7 dots arranged in a 3-2 pattern (3 dots in the top row, 2 dots in the bottom row). The circles are arranged in two rows: 4 in the top row and 5 in the bottom row.

70 ÷ 7 = 10



A rectangular box containing 10 circles, each with 7 dots arranged in a 3-2 pattern (3 dots in the top row, 2 dots in the bottom row). The circles are arranged in two rows: 4 in the top row and 6 in the bottom row.

Regular Flashcards

$$0 \div 7$$

$$7 \div 7$$

$$14 \div 7$$

$$21 \div 7$$

$$28 \div 7$$

$$35 \div 7$$

Regular Flashcards

$$42 \div 7$$

$$49 \div 7$$

$$56 \div 7$$

$$63 \div 7$$

$$70 \div 7$$

Dividing by 7 Calling Cards

0	1	2	3	4
5	6	7	8	9
		10		

Dividing by 7 4 IN A ROW

CHECK YOUR
ANSWERS USING
YOUR BOOKMARK.

$21 \div 7 = ?$

$7 \div 7 = ?$

$14 \div 7 = ?$

$21 \div 7 = ?$

$28 \div 7 = ?$

$35 \div 7 = ?$

$42 \div 7 = ?$

$49 \div 7 = ?$

$56 \div 7 = ?$

$63 \div 7 = ?$

$70 \div 7 = ?$

$49 \div 7 = ?$

$70 \div 7 = ?$

$56 \div 7 = ?$

$21 \div 7 = ?$

$49 \div 7 = ?$

$7 \div 7 = ?$

$28 \div 7 = ?$

$7 \div 7 = ?$

$21 \div 7 = ?$

$35 \div 7 = ?$

$63 \div 7 = ?$

$28 \div 7 = ?$

$56 \div 7 = ?$

$14 \div 7 = ?$

$49 \div 7 = ?$

$21 \div 7 = ?$

$63 \div 7 = ?$

$35 \div 7 = ?$

$70 \div 7 = ?$

$7 \div 7 = ?$

$21 \div 7 = ?$

$35 \div 7 = ?$

$49 \div 7 = ?$

$14 \div 7 = ?$

$63 \div 7 = ?$

$42 \div 7 = ?$

$0 \div 7 = ?$

$49 \div 7 = ?$

$14 \div 7 = ?$

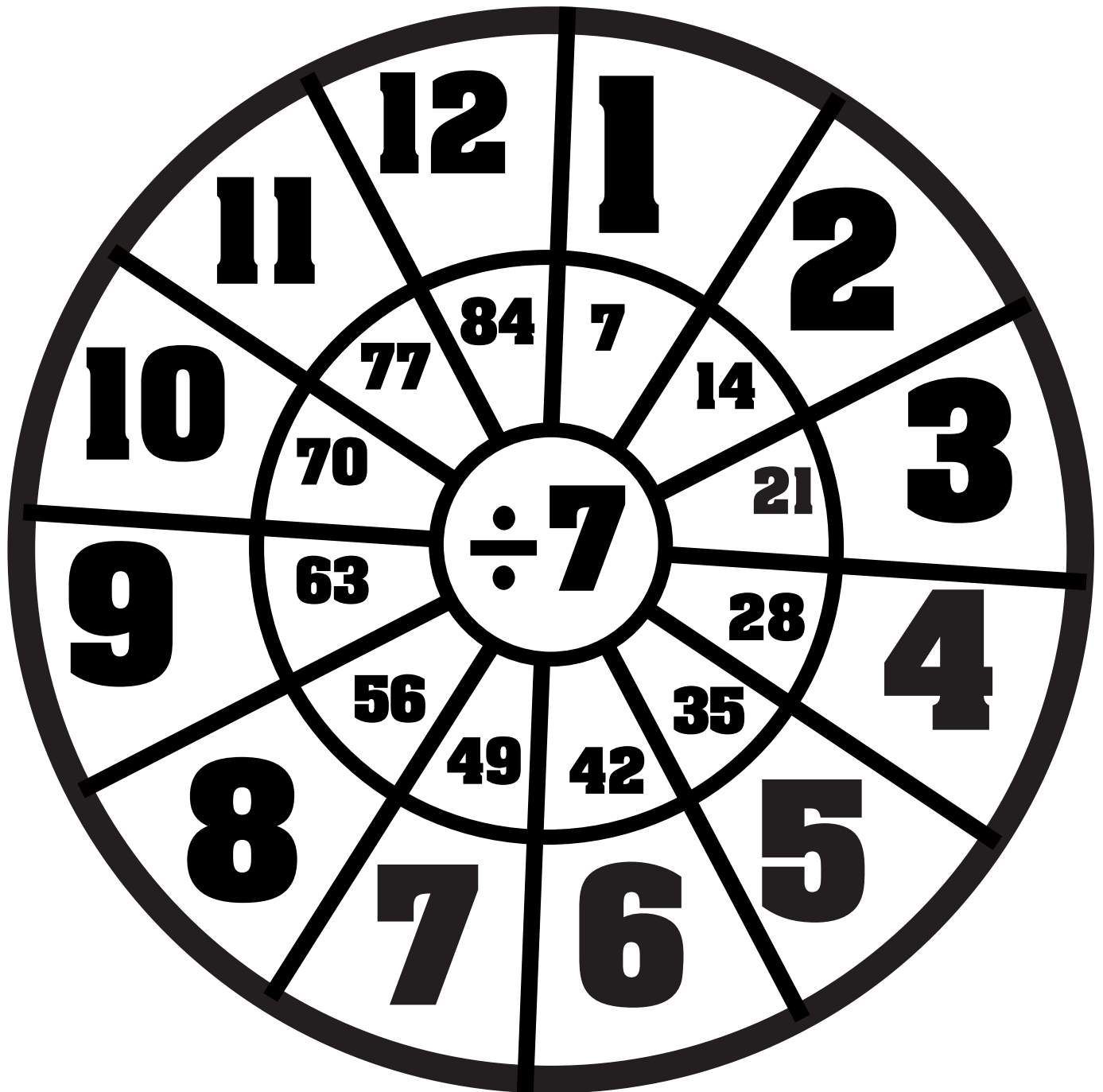
$28 \div 7 = ?$

$7 \div 7 = ?$

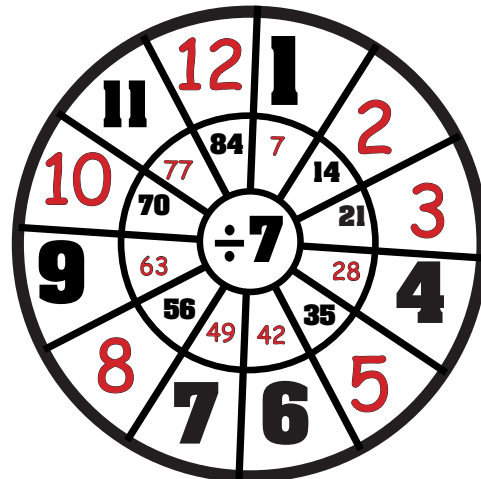
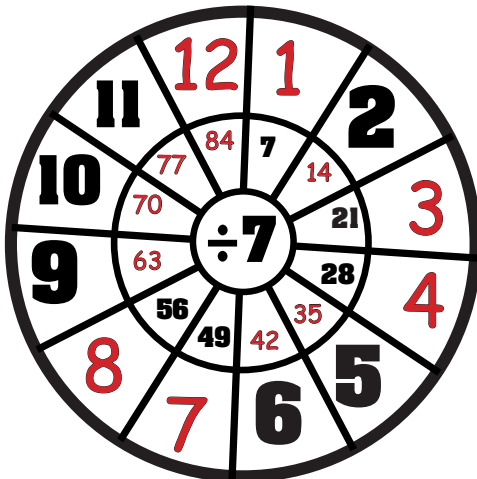
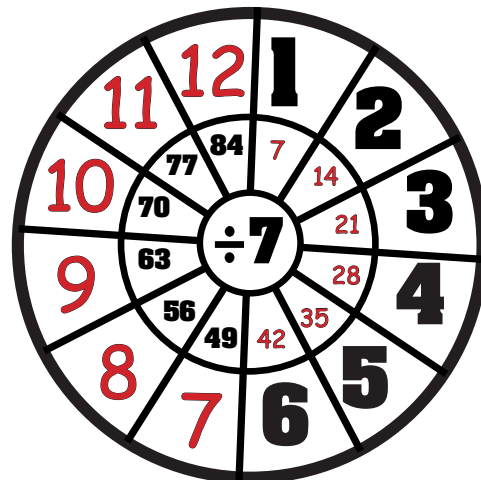
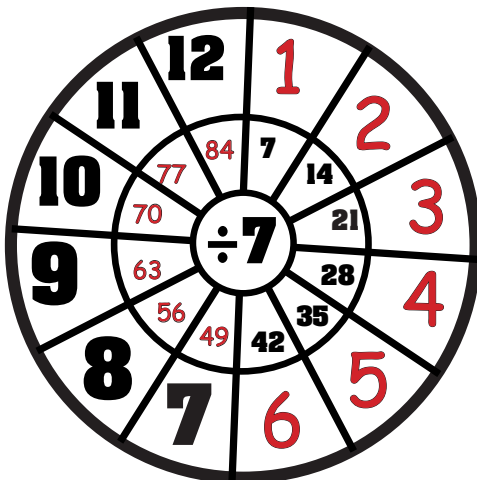
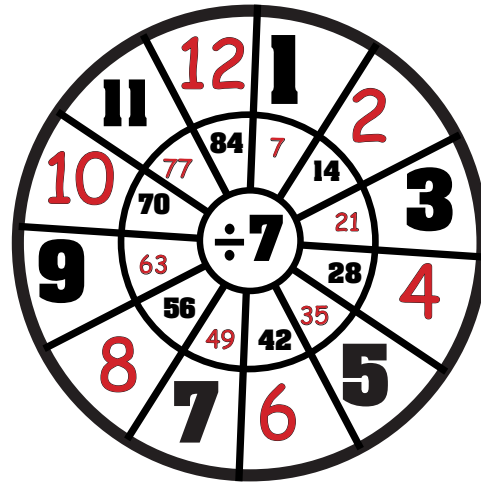
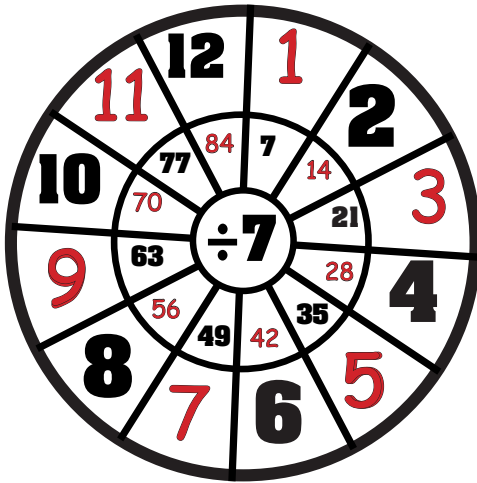
Instructions:

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!

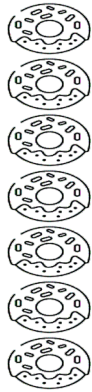
DIVISION WHEELS



DIVISION WHEELS



PICTURE FACT FAMILY

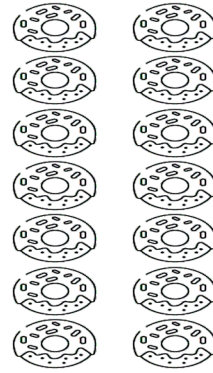


$$\begin{array}{r} 7 \\ \hline \end{array} \times \begin{array}{r} 1 \\ \hline \end{array} = \begin{array}{r} 7 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \hline \end{array} \times \begin{array}{r} 7 \\ \hline \end{array} = \begin{array}{r} 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \hline \end{array} \div \begin{array}{r} 1 \\ \hline \end{array} = \begin{array}{r} 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \hline \end{array} \div \begin{array}{r} 7 \\ \hline \end{array} = \begin{array}{r} 1 \\ \hline \end{array}$$

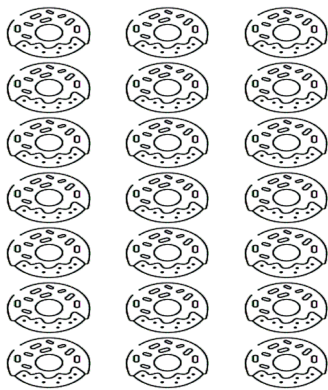


$$\begin{array}{r} 7 \\ \hline \end{array} \times \begin{array}{r} 2 \\ \hline \end{array} = \begin{array}{r} 14 \\ \hline \end{array}$$

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

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

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

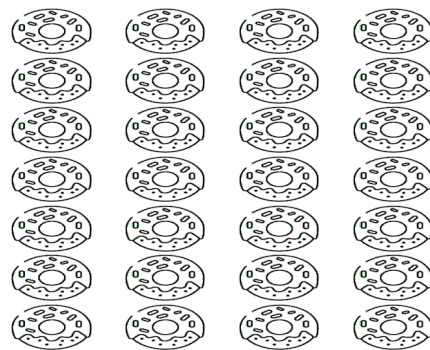


$$\begin{array}{r} 7 \\ \hline \end{array} \times \begin{array}{r} 3 \\ \hline \end{array} = \begin{array}{r} 21 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \hline \end{array} \times \begin{array}{r} 7 \\ \hline \end{array} = \begin{array}{r} 21 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ \hline \end{array} \div \begin{array}{r} 7 \\ \hline \end{array} = \begin{array}{r} 3 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ \hline \end{array} \div \begin{array}{r} 3 \\ \hline \end{array} = \begin{array}{r} 7 \\ \hline \end{array}$$



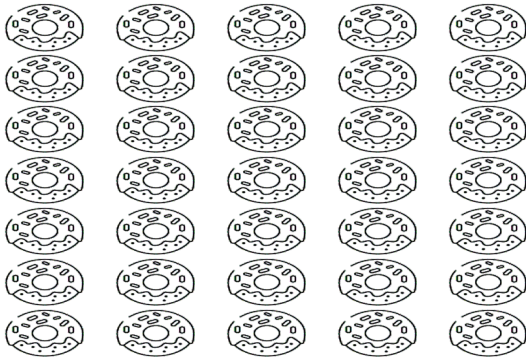
$$\begin{array}{r} 7 \\ \hline \end{array} \times \begin{array}{r} 4 \\ \hline \end{array} = \begin{array}{r} 28 \\ \hline \end{array}$$

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

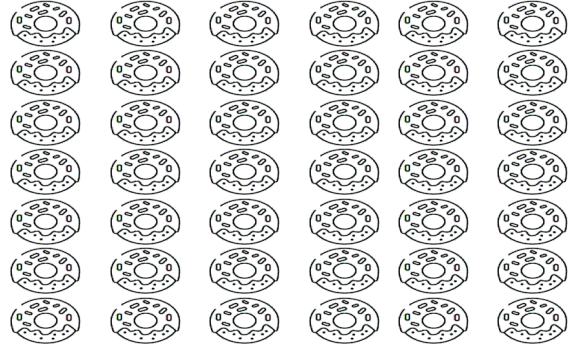
$$\begin{array}{r} 28 \\ \hline \end{array} \div \begin{array}{r} 7 \\ \hline \end{array} = \begin{array}{r} 4 \\ \hline \end{array}$$

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

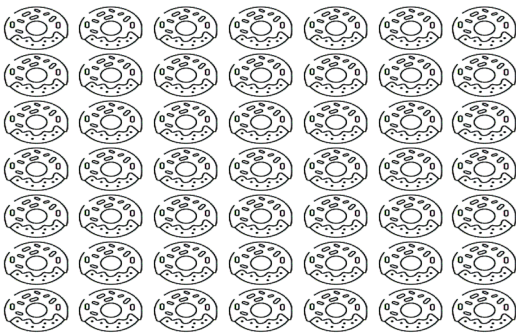
PICTURE FACT FAMILY



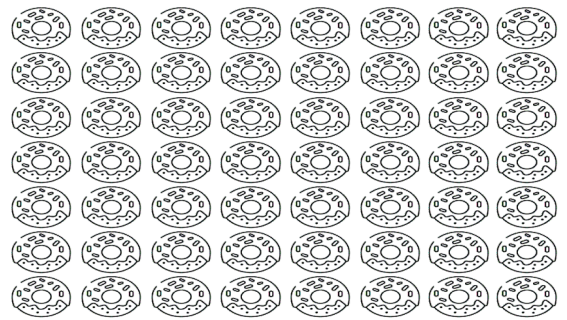
$$\begin{array}{rcl} 7 & \times & 5 = 35 \\ 5 & \times & 7 = 35 \\ 35 & \div & 7 = 5 \\ 35 & \div & 5 = 7 \end{array}$$



$$\begin{array}{rcl} 7 & \times & 6 = 42 \\ 6 & \times & 7 = 42 \\ 42 & \div & 7 = 6 \\ 42 & \div & 6 = 7 \end{array}$$

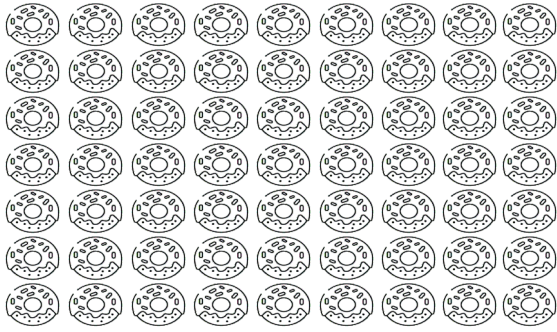


$$\begin{array}{rcl} 7 & \times & 7 = 49 \\ 7 & \times & 7 = 49 \\ 49 & \div & 7 = 7 \\ 49 & \div & 7 = 7 \end{array}$$

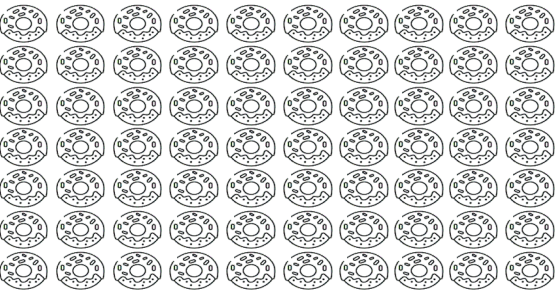


$$\begin{array}{rcl} 7 & \times & 8 = 56 \\ 8 & \times & 7 = 56 \\ 56 & \div & 7 = 8 \\ 56 & \div & 8 = 7 \end{array}$$

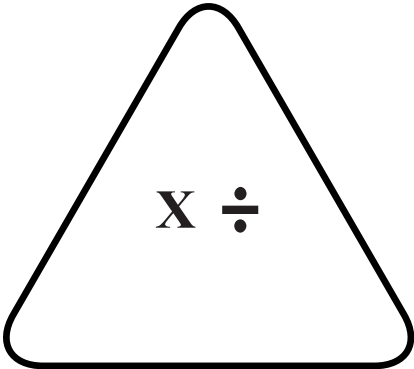
PICTURE FACT FAMILY


$$\begin{array}{r} 7 \\ \hline 9 \end{array} \times \begin{array}{r} 9 \\ \hline 7 \end{array} = \begin{array}{r} 63 \\ \hline 63 \end{array}$$
$$\begin{array}{r} 63 \\ \hline 63 \end{array} \div \begin{array}{r} 7 \\ \hline 9 \end{array} = \begin{array}{r} 9 \\ \hline 7 \end{array}$$

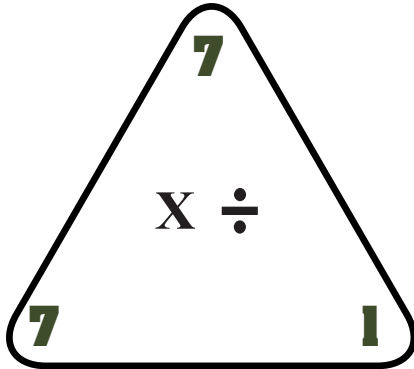
MAKE YOUR OWN


$$\begin{array}{r} 7 \\ \hline 10 \end{array} \times \begin{array}{r} 10 \\ \hline 7 \end{array} = \begin{array}{r} 70 \\ \hline 70 \end{array}$$
$$\begin{array}{r} 70 \\ \hline 70 \end{array} \div \begin{array}{r} 7 \\ \hline 10 \end{array} = \begin{array}{r} 10 \\ \hline 7 \end{array}$$

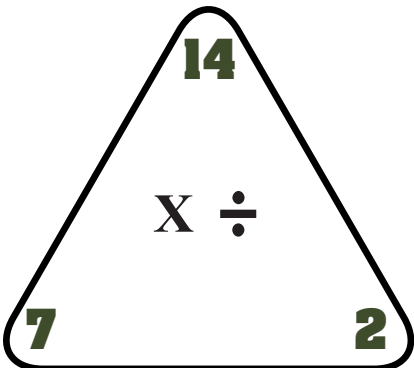
TRIANGLE FACT FAMILY



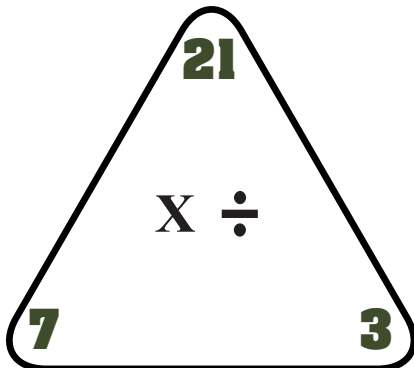
	x		=	
	x		=	
	÷		=	
	÷		=	



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

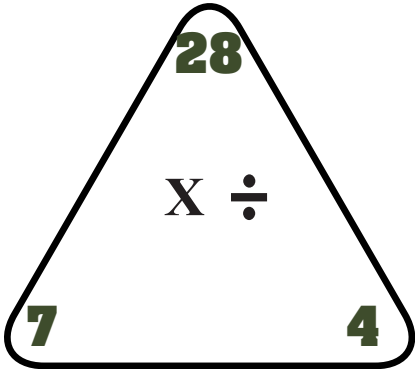


7	x	2	=	14
2	x	7	=	14
14	÷	7	=	2
14	÷	2	=	7

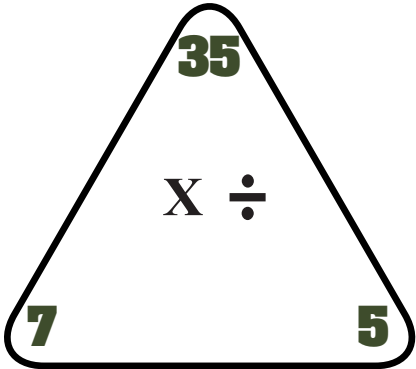


7	x	3	=	21
3	x	7	=	21
21	÷	7	=	3
21	÷	3	=	7

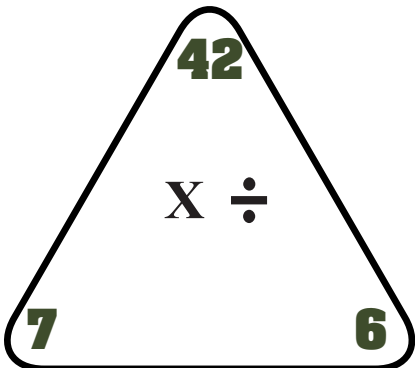
TRIANGLE FACT FAMILY



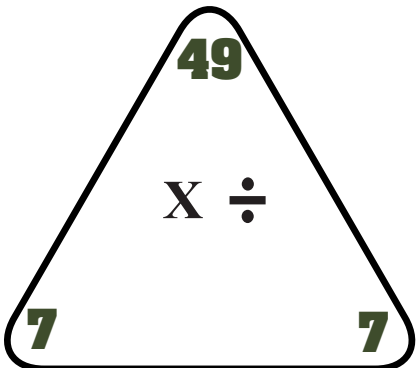
A triangle with the number 28 at the top vertex, 7 at the bottom-left vertex, and 4 at the bottom-right vertex. In the center of the triangle is the text "X ÷".

$$\begin{array}{rcl} 7 & \times & 4 = 28 \\ 4 & \times & 7 = 28 \\ 28 & \div & 7 = 4 \\ 28 & \div & 4 = 7 \end{array}$$


A triangle with the number 35 at the top vertex, 7 at the bottom-left vertex, and 5 at the bottom-right vertex. In the center of the triangle is the text "X ÷".

$$\begin{array}{rcl} 7 & \times & 5 = 35 \\ 5 & \times & 7 = 35 \\ 35 & \div & 7 = 5 \\ 35 & \div & 5 = 7 \end{array}$$


A triangle with the number 42 at the top vertex, 7 at the bottom-left vertex, and 6 at the bottom-right vertex. In the center of the triangle is the text "X ÷".

$$\begin{array}{rcl} 7 & \times & 6 = 42 \\ 6 & \times & 7 = 42 \\ 42 & \div & 7 = 6 \\ 42 & \div & 6 = 7 \end{array}$$


A triangle with the number 49 at the top vertex, 7 at the bottom-left vertex, and 7 at the bottom-right vertex. In the center of the triangle is the text "X ÷".

$$\begin{array}{rcl} 7 & \times & 7 = 49 \\ 7 & \times & 7 = 49 \\ 49 & \div & 7 = 7 \\ 49 & \div & 7 = 7 \end{array}$$

TRIANGLE FACT FAMILY

56

X ÷

7 8

$$\begin{array}{r} 7 \times 8 = 56 \\ 8 \times 7 = 56 \\ 56 \div 7 = 8 \\ 56 \div 8 = 7 \end{array}$$

63

X ÷

7 9

$$\begin{array}{r} 7 \times 9 = 63 \\ 9 \times 7 = 63 \\ 63 \div 7 = 9 \\ 63 \div 9 = 7 \end{array}$$

70

X ÷

7 10

$$\begin{array}{r} 7 \times 10 = 70 \\ 10 \times 7 = 70 \\ 70 \div 7 = 10 \\ 70 \div 10 = 7 \end{array}$$

TRIANGLE FACT FAMILY

7

7

1

X ÷

$$\begin{array}{r} 7 \\ \times \\ 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 1 \\ \times \\ 7 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 7 \\ \div \\ 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 7 \\ \div \\ 7 \\ \hline 1 \end{array}$$

35

7

5

X ÷

$$\begin{array}{r} 7 \\ \times \\ 5 \\ \hline 35 \end{array}$$

$$\begin{array}{r} 5 \\ \times \\ 7 \\ \hline 35 \end{array}$$

$$\begin{array}{r} 35 \\ \div \\ 7 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 35 \\ \div \\ 5 \\ \hline 7 \end{array}$$

14

7

2

X ÷

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

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

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

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

28

7

4

X ÷

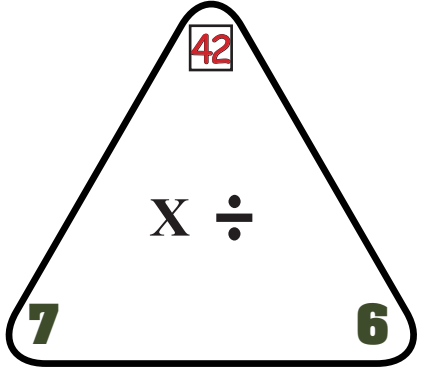
$$\begin{array}{r} 7 \\ \times \\ 4 \\ \hline 28 \end{array}$$

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

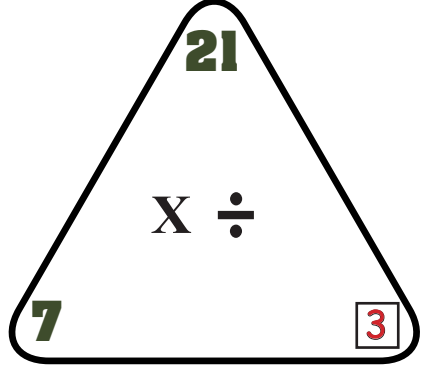
$$\begin{array}{r} 28 \\ \div \\ 7 \\ \hline 4 \end{array}$$

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

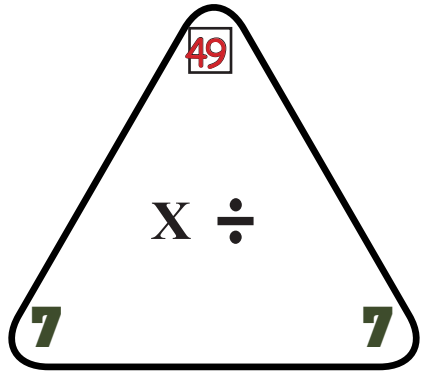
TRIANGLE FACT FAMILY



A triangle with the number 42 at the top vertex, 7 at the bottom-left vertex, and 6 at the bottom-right vertex. Inside the triangle is the expression $\times \div$.

$$\begin{array}{r} 7 \times 6 = 42 \\ 6 \times 7 = 42 \\ 42 \div 7 = 6 \\ 42 \div 6 = 7 \end{array}$$


A triangle with the number 21 at the top vertex, 7 at the bottom-left vertex, and 3 at the bottom-right vertex. Inside the triangle is the expression $\times \div$.

$$\begin{array}{r} 7 \times 3 = 21 \\ 3 \times 7 = 21 \\ 21 \div 7 = 3 \\ 21 \div 3 = 7 \end{array}$$


A triangle with the number 49 at the top vertex, 7 at the bottom-left vertex, and 7 at the bottom-right vertex. Inside the triangle is the expression $\times \div$.

$$\begin{array}{r} 7 \times 7 = 49 \\ 7 \times 7 = 49 \\ 49 \div 7 = 7 \\ 49 \div 7 = 7 \end{array}$$

WORD PROBLEM

MODEL YOUR THINKING AND SOLVE THE PROBLEM.

THE BAKERY HAD 28 DONUTS IN 7 ROWS. THEY HAD THE SAME AMOUNT IN EACH ROW. HOW MANY WERE IN EACH ROW?

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

THE BAKERY HAD 35 DONUTS. THEY PUT 7 IN A ROW. HOW MANY ROWS DID THEY MAKE?

$$\underline{35} \div \underline{7} = \underline{5}$$

THE BAKERY MADE 70 MUFFINS. THEY PACKED 7 IN A BOX. HOW MANY BOXES DID THEY USE?

$$\underline{70} \div \underline{7} = \underline{10}$$

THE BAKERY MADE 14 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?

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

QUIZ

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

**I CAN SKIP COUNT TO
DIVIDE BY 7'S!**

**I CAN USE EQUAL GROUPS
TO DIVIDE BY 7'S!**

**I CAN USE ARRAYS TO
MODEL DIVIDING BY 7'S!**

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

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

**MY STRATEGY FOR THINKING
ABOUT DIVIDING BY 7'S IS....**

CERTIFICATE

★ **GREAT MATH WORK!** ★

HAS SUCCESSFULLY PRACTICED
DIVIDING BY 7'S!

GREAT JOB!

TEACHER: _____ DATE: _____

Looking at the 7's

$$7 \div 7 = 1$$

$$14 \div 7 = 2$$

$$21 \div 7 = 3$$

$$28 \div 7 = 4$$

$$35 \div 7 = 5$$

$$42 \div 7 = 6$$

$$49 \div 7 = 7$$

$$56 \div 7 = 8$$

$$63 \div 7 = 9$$

$$70 \div 7 = 10$$

Bookmarks

7

Division

$$\begin{aligned}7 \div 7 &= 1 \\14 \div 7 &= 2 \\21 \div 7 &= 3 \\28 \div 7 &= 4 \\35 \div 7 &= 5 \\42 \div 7 &= 6 \\49 \div 7 &= 7 \\56 \div 7 &= 8 \\63 \div 7 &= 9 \\70 \div 7 &= 10\end{aligned}$$

DIVIDING A NUMBER BY 7

Hint: Think Multiplication!

7 x ? = _

7

DIVISION

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DIVIDING A NUMBER BY 7

Hint: Think Multiplication!

7 x ? = _

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