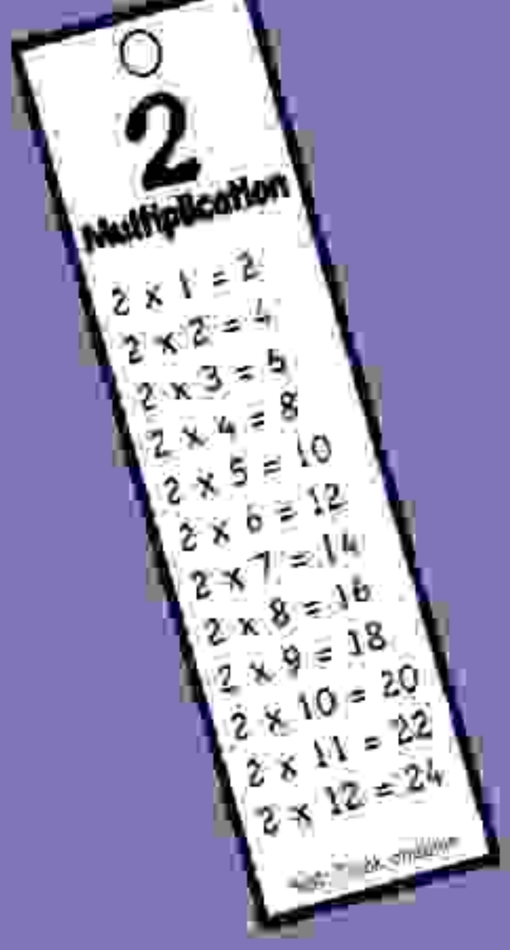
GUIDED MATH

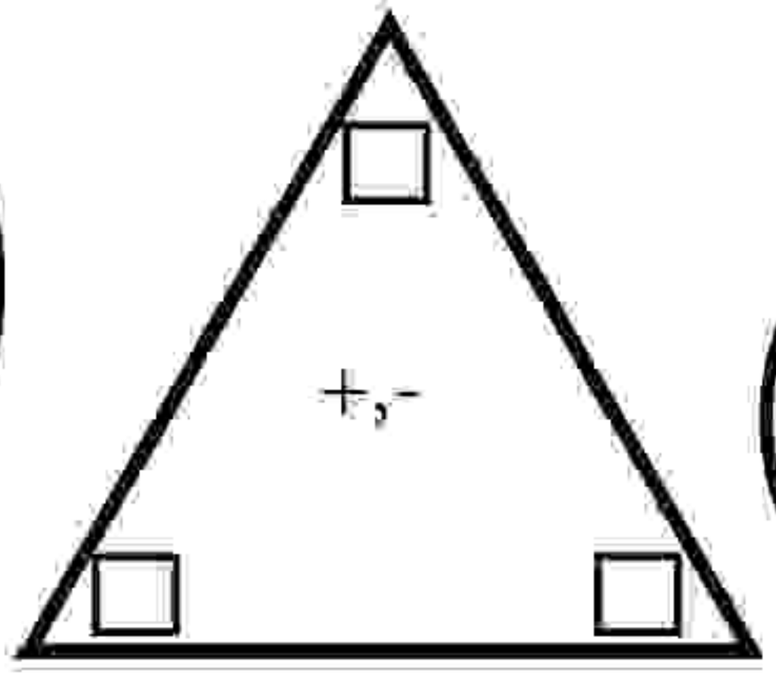
TEACHER'S

MULTIPLICATION TOOL KIT

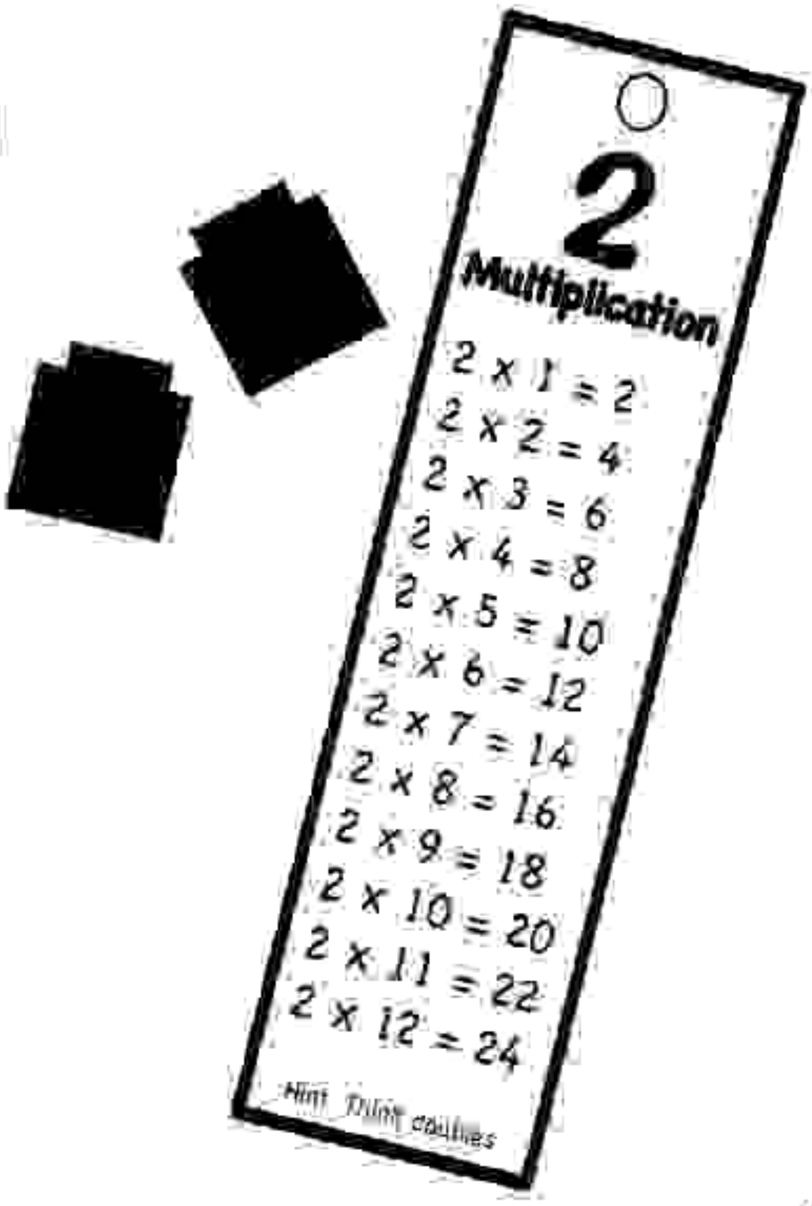


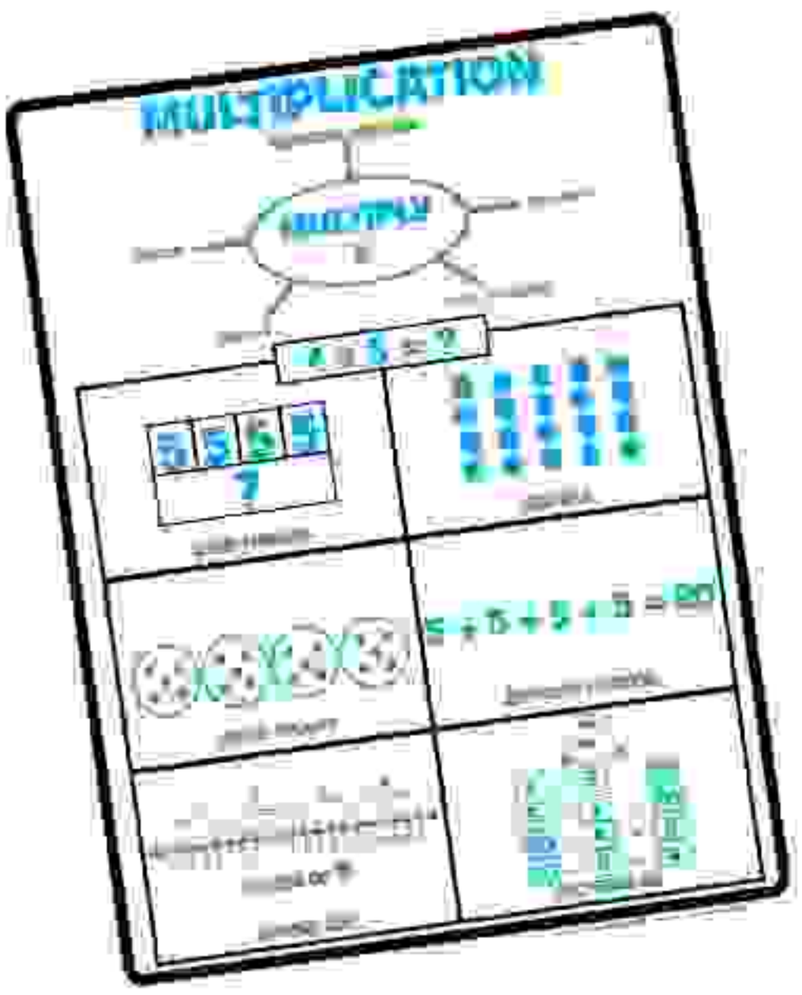
DR. NICKI NEWTON

Math Fact Fluency Playground



MULTIPLICATION TOOL KIT





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Welcome to this book!

I am so excited that you are here to share this with me. This is the everything you ever wanted, needed, thought you might need, never even knew that you needed mega book of guided math multiplication templates. This book is organized by the priority standards topics that you will teach the different multiplication concepts and skills. It is written as book in the spirit of acceleration and differentiation. The templates are differentiated along the learning progression so that you can meet your students where they are in small groups.

How to Use this Book!
This book has templates that the teacher can use for guided math groups, whole class activities, workstations and homework! The teacher can pull the different templates and make a binder for each person in the group. In the binder, put the templates in sheet protectors or laminate them so they can be used over and over again! Each student will have their own binder and they can use it as needed!

Big Ideas/Priority Standards
This book is aligned to the Big Ideas/Priority standards.
It can be used as a supplement to any program. We have created a variety of templates to address the variations in state standards.
These templates will provide you a way to reach back to catch up as well as extend learning for those students who are ready to go to the next steps.

Learning Trajectories
Speaking of steps, we have based all of our templates with the learning trajectories in mind. A learning trajectory is a developmental path that shows the landscape of learning a particular concept. Clements and Sarama have written extensively about learning trajectories (www.learningtrajectories.org). In the front of each book, you will find the learning trajectories for the topic.

Guided Math

Guided Math is a way of teaching students in small groups. Small groups allow us to get up close and personal with our students and their learning. In a small guided math group, there should be no more than 3-5 students. Groups meet for 10-15 minutes. The focus is on DOING MATH. These templates help you to do just that! They provide a space for students to explore, think, talk and work. In the small guided math group, students will make sense of math through working with their peers, their teacher and the different math materials (thinking mats, manipulatives, vocabulary/language talk frames).

While students are working together, the teacher guides them, asks important questions and provides the necessary feedback on their attempts at making sense of the math so that they can make the necessary connections and corrections and build a deeper understanding of the math concepts. The learning spirals and children build on prior knowledge as they engage in new experiences. (Dewey 1933/1998; Piaget, 1972; Vygotsky, 1978; Bruner, 1973, 1990). In the guided math group, the student's should spend most of the time doing math rather than listening to the teacher talk about math.

Experiences are scaffolded in a way to maximize the learning opportunities. Students are working in their Zone of Proximal Development, meaning that they are working at a level that is just right, not too easy and not too difficult (Vygotsky, 1978). Through interaction with more capable peers, adults who are facilitating their learning and artifacts (in this case appropriately selected materials such as manipulatives, books, computer programs etc.), students make meaning of the math (Vygotsky).

Differentiated Instruction

As Coco Aguirre (my mentor teacher) had hanging above the threshold of her door, "If a student doesn't learn the way you teach, then teach the way they learn." This is a simple but powerful truth. Meet the children where they are and then take them to the next level. For me, differentiation is about always asking myself, "If they aren't getting it, what can I do differently?" These templates provide you an option to scaffold the learning so that all students have access to the grade level content!

Tomlinson (1999) speaks of how differentiated instruction results in academically responsive classrooms. In this type of classroom teachers are aware of the academic levels of their students and create curriculum designed to respond to their needs. Tomlinson stated that at its most basic level, differentiating instruction means "shaking up" what goes on in the classroom so that students have multiple options for taking in information, making sense of ideas, and expressing what they learn. In other words, a differentiated classroom provides different avenues to acquiring content, to processing or making sense of ideas, and to developing products so that each student can learn effectively (2001).

While differentiation "advocates attending to students as individuals, it does not assume a separate assignment for each learner"(Tomlinson). "Differentiation needs to be student-centered, rooted in assessment, and dynamic" Serravello, 2010. We are constantly adjusting our teaching in response to what students are telling and showing us in their work and talk. Teachers who differentiate must take the time to get to know their students well. They have to understand them as people, learners and know what motivates them to reach their goals. Robb notes that "Differentiation is a way of teaching, it's not a program or a package of worksheets. It asks teachers to know their students well so they can provide each one with experiences and tasks that will improve learning" (2008, p.13).

Math Talk

One of the most important things that happen in the math class is the discussion. We have to teach students to be active participants and engaged listeners. We want them to respect each other deeply and seek to truly understand each other without judgment. They have to learn to develop and defend their thinking, justify their answers and respectfully disagree with each other. The National Council of Teachers of Mathematics (NCTM) defines math talk as "the ways of representing, thinking, talking, and agreeing and disagreeing that teachers and students use to engage in [mathematical] tasks" (NCTM, 1991).

Questioning

It is so important to ask good questions. The questions should reach beyond the answer. As Phil Daro notes, we have to go "beyond answer-getting (https://vimeo.com/79916037)." The questions in the guided math group should be designed to get students to understand more fundamentally the mathematics of the grade level. Good questions don't just happen, they are planned for. The teacher should know ahead of time the types of questions that she will ask and why she will ask them. In the plan for the lesson, the teacher should brainstorm some possible questions that push student thinking. These are not yes or no questions, but rather ones that require students to explain themselves, show what they know and defend and justify their thinking.

PROGRESSION OF MULTIPLICATION

RESEARCH NOTES

1. counting all
2. multiple calculations
3. count by
4. pattern based
5. known products
6. hybrids

JOURNEY TO FLUENCY

- MULTIPLYING BY SQUARES — 8x8
- MULTIPLYING BY 7 — 7x6
- MULTIPLYING BY 9 — 9x2
- MULTIPLYING BY 6 — 6x5
- MULTIPLYING BY 3 — 3x9
- MULTIPLYING BY 8 — 8x6
- MULTIPLYING BY 4 — 4x3
- MULTIPLYING BY 2 — 2x7
- MULTIPLYING BY 5 — 5x6
- MULTIPLYING BY 0 — 0x1
- MULTIPLYING BY 1 — 1x5
- MULTIPLYING BY 10 — 10x6

FLUENCY IS

1. EFFICIENCY
2. ACCURACY
3. FLEXIBILITY

SET A GOAL. MAKE A PLAN. ACHIEVE YOUR GOAL!

Dr. Nicki Newton 2022

PROGRESSION OF MULTIPLICATION

RESEARCH NOTES

1. UNTING ALL
2. tive calculation
3. ount by
4. ttern based
5. rned products
6. hybrids

Sherin and Fuson, 2005

JOURNEY TO FLUENCY

MULTIPLYING BY SQUARES
8X8

MULTIPLYING BY 7
7X6

MULTIPLYING BY 9
9 X 2

MULTIPLYING BY 8
8 X 6

MULTIPLYING BY 3
3 X 9

MULTILYING BY 6
6 X 5

MULTIPLYING BY 4
4 X 3

MULTIPLYING BY 2
2 X 7

MULTIPLYING BY 5
5 X 0

MULTIPLYING BY 0
0 X 1

MULTIPLYING BY 1
1 X 9

MULTIPLYING BY 10
10X5

FLUENCY IS

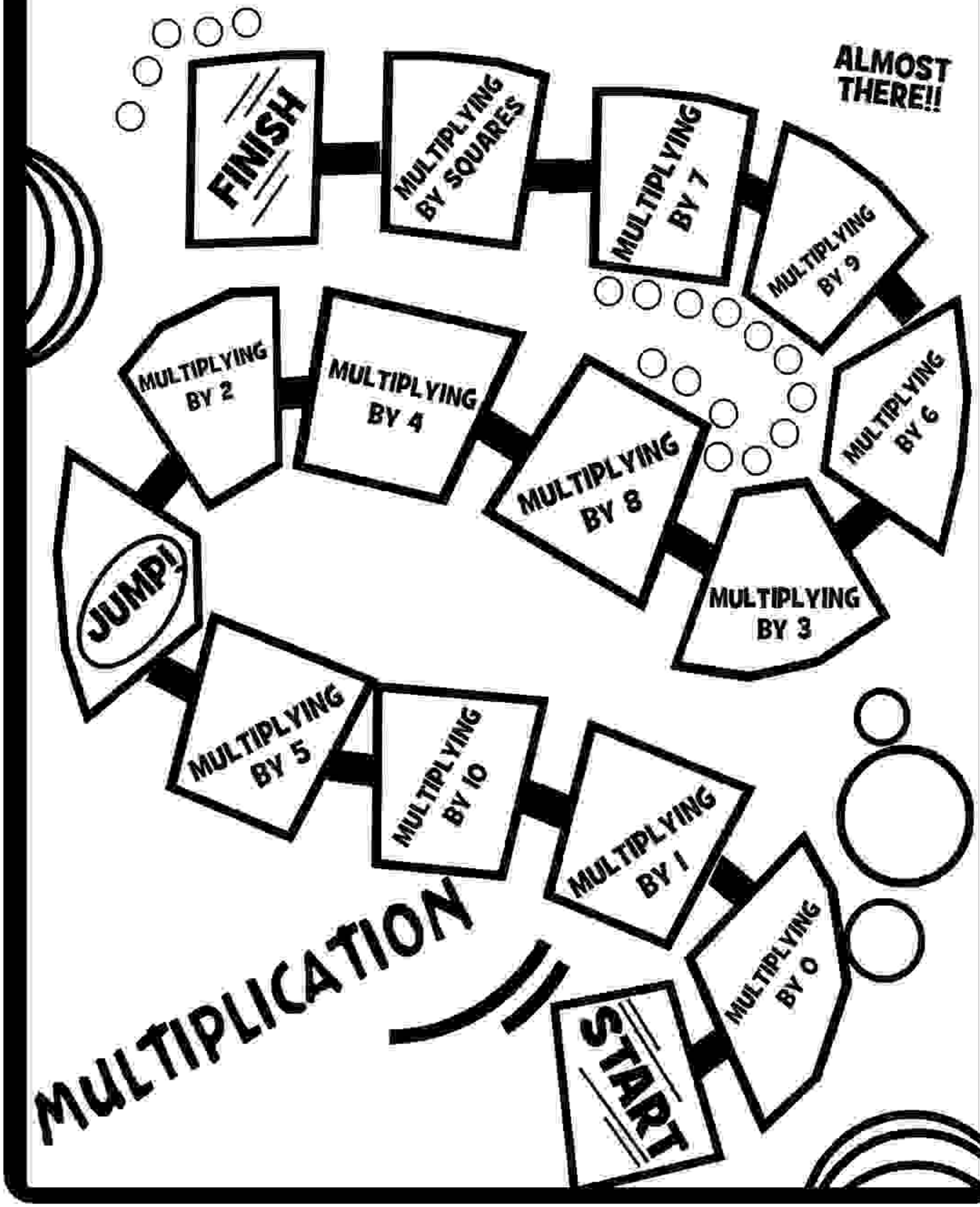
1. EFFICIENCY
2. ACCURACY
3. FLEXIBILITY

ORC: Kilpatrick et al., 2001; NCTM 2000; NCTM, 2014).

SET A GOAL. MAKE A PLAN. ACHIEVE YOUR GOAL!

Dr. Nicki Newton

I CAN REACH MY GOALS

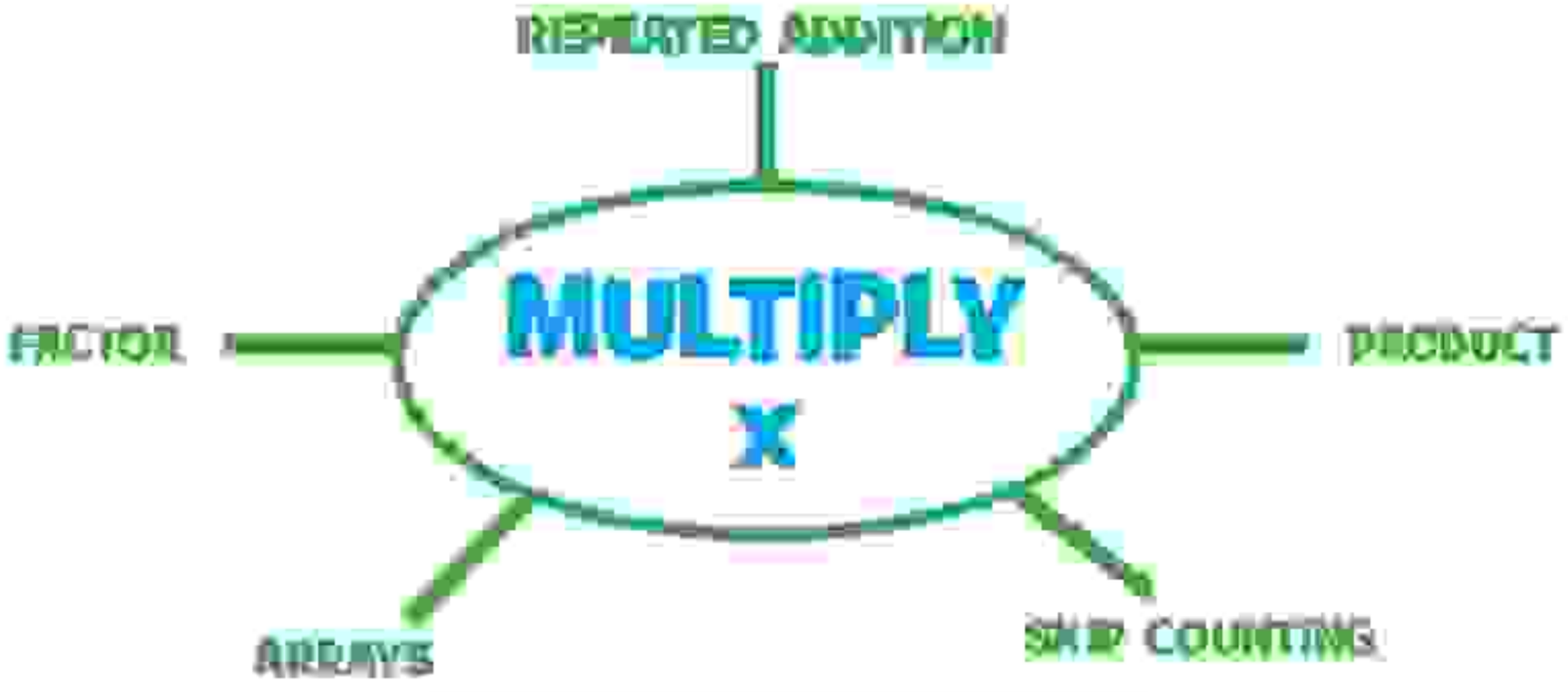


MULTIPLICATION

FACTS	STRATEGY
0	Multiply by zero gets you NOTHING! The answer is always zero 0 x 4 0 x 5 0 x 10
1	Multiply by one and the answer is the number you multiplied! 1 x 2 = 2 1 x 5 = 5 1 x 9 = 9
2	Double the number! 2 x 5 = 5 + 5
3	Think doubles plus 1 more 3 x 4 think 2 x 4 Plus 1 more set ➡ (2 x 4) + 4
4	Think double 2's 4 x 5 think (2 x 5) + (2 x 5)
5	Think half of 10 5 x 7 is half of 10 x 7 35 is half of 70
6	Think double 3's 6 x 8 think (3 x 8) + (3 x 8)
7	To Multiply a number by 7, just break 7 apart. Multiply by 5 and then by 2 7 x 6 = (5 x 6) + (2 x 6)
8	Think double 4's 8 x 7 think (4 x 7) + (4 x 7)
9	To Multiply by 9 just think 10 and subtract a set! 9 x 5 think 10 x 5 ➡ 10 x 5 = 50 Then Subtract 5 ➡ 50 – 5 = 45
10	Skip count by 10s or just think it's that many 10's 10 x 3 10, 20, 30 10 x 4 10, 20, 30, 40 10 x 5 10, 20, 30, 40, 50
SQUARES	Multiply a number by itself! It's a square number 2 x 2 3 x 3 4 x 4

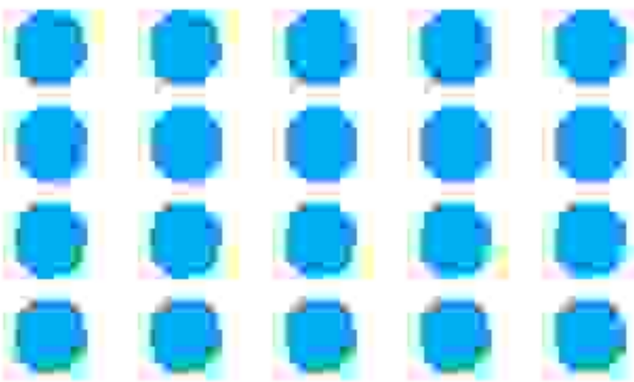
Giggienook 2021

MULTIPLICATION



$4 \times 5 = ?$

STRIP DIAGRAM



ARRAYS

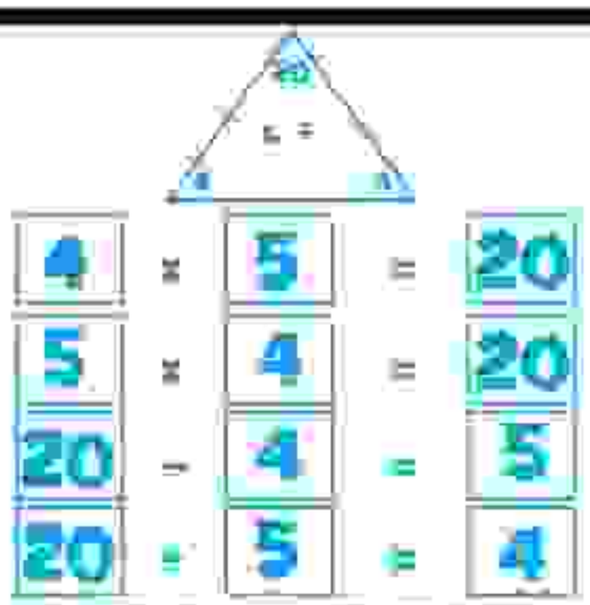
EQUAL GROUPS

$5 + 5 + 5 + 5 = 20$

REPEATED ADDITION

4 HOPS OF 5

NUMBER LINE



FACT FAMILIES

VOCABULARY CARDS

MULTIPLICATION

3 x 1 = 3

MULTIPLICATION SIGN (TIMES)

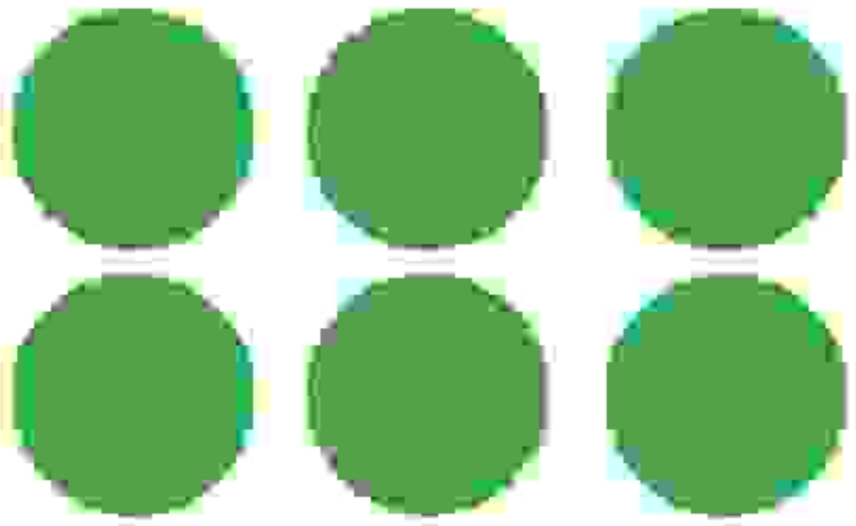
2 x 4 = 8

PRODUCT

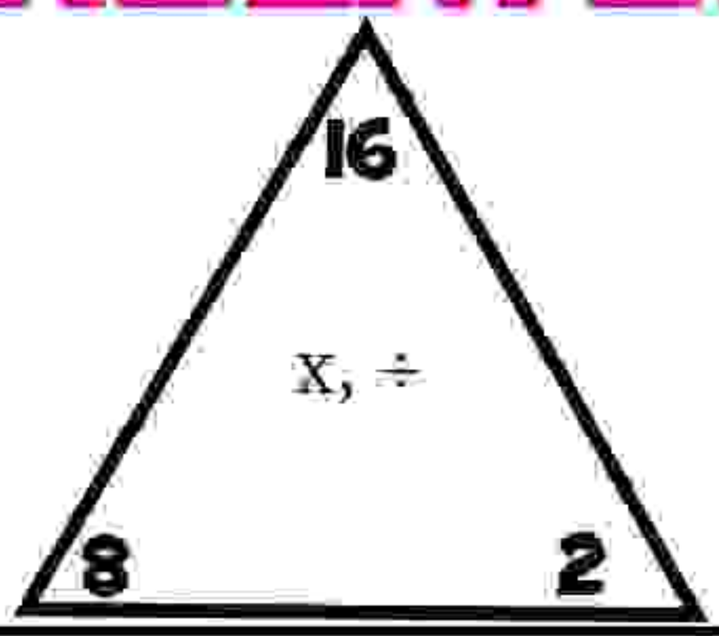
5 x 3 = 15

VOCABULARY CARDS

MULTIPLY



RELATED FACTS



2 x 8 = 16

8 x 2 = 16

16 ÷ 8 = 2

16 ÷ 2 = 8

EQUAL SIGN

=

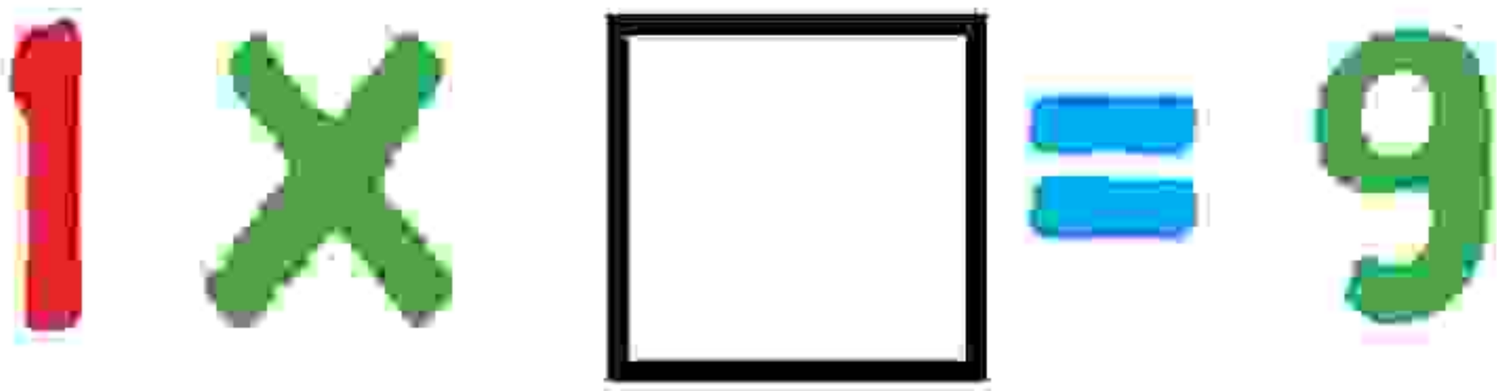
=

2 x 2 = 4

VOCABULARY CARDS

Addition Equation/ Number Sentence

MISSING NUMBER



MULTIPLES

5 20 10

50 45

MULTIPLICATION MAT

MODELS	STRATEGIES
EQUAL GROUPS	SKIP COUNTING
ARRAYS	REPEATED ADDITION
NUMBER LINE	THINKING ABOUT RELATIONSHIPS

MODELING MULTIPLICATION

EQUAL GROUPS

REPEATED ADDITION

SKIP COUNTING

ARRAYS

NUMBER LINE

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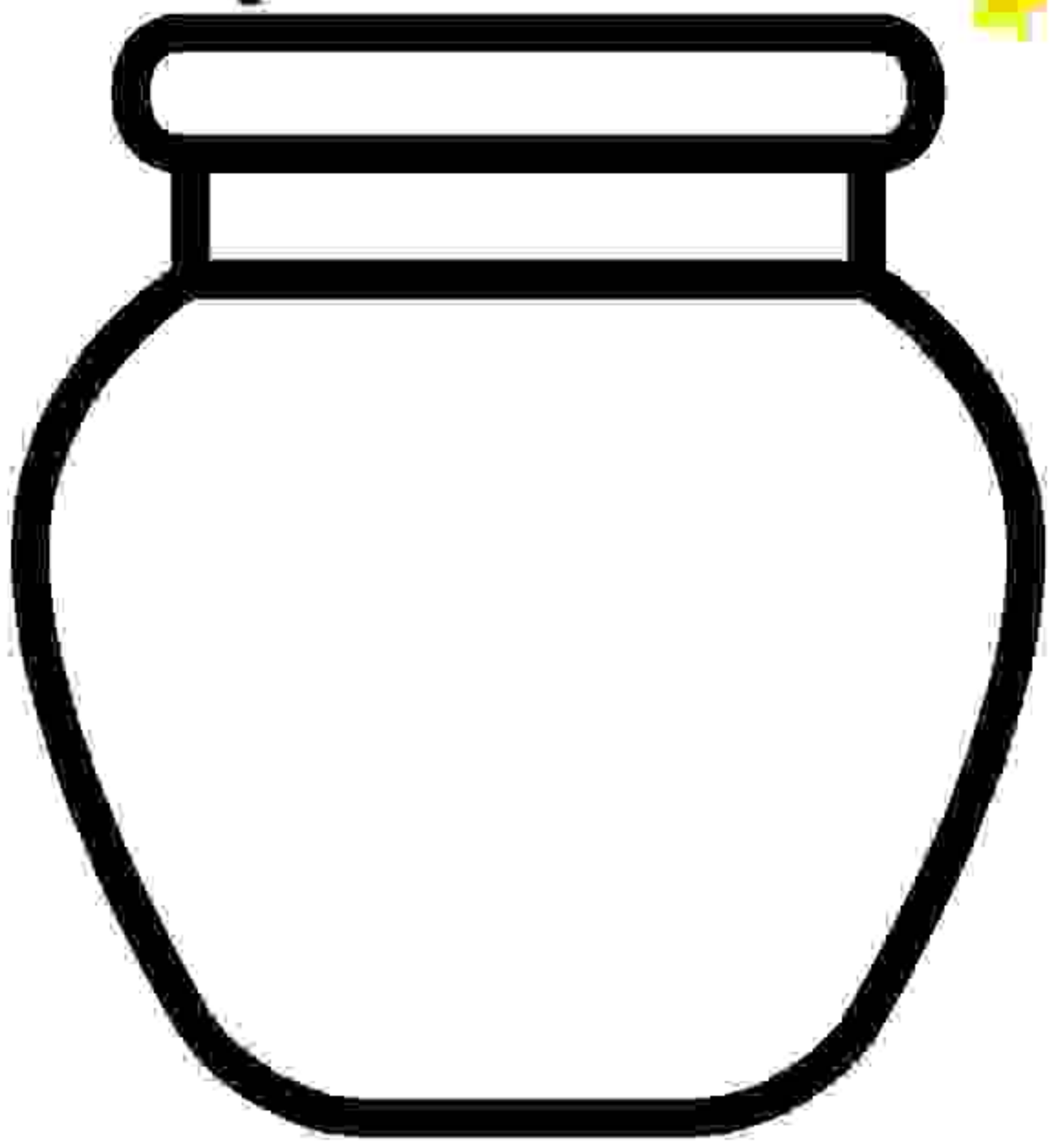
MULTIPLICATION MAT

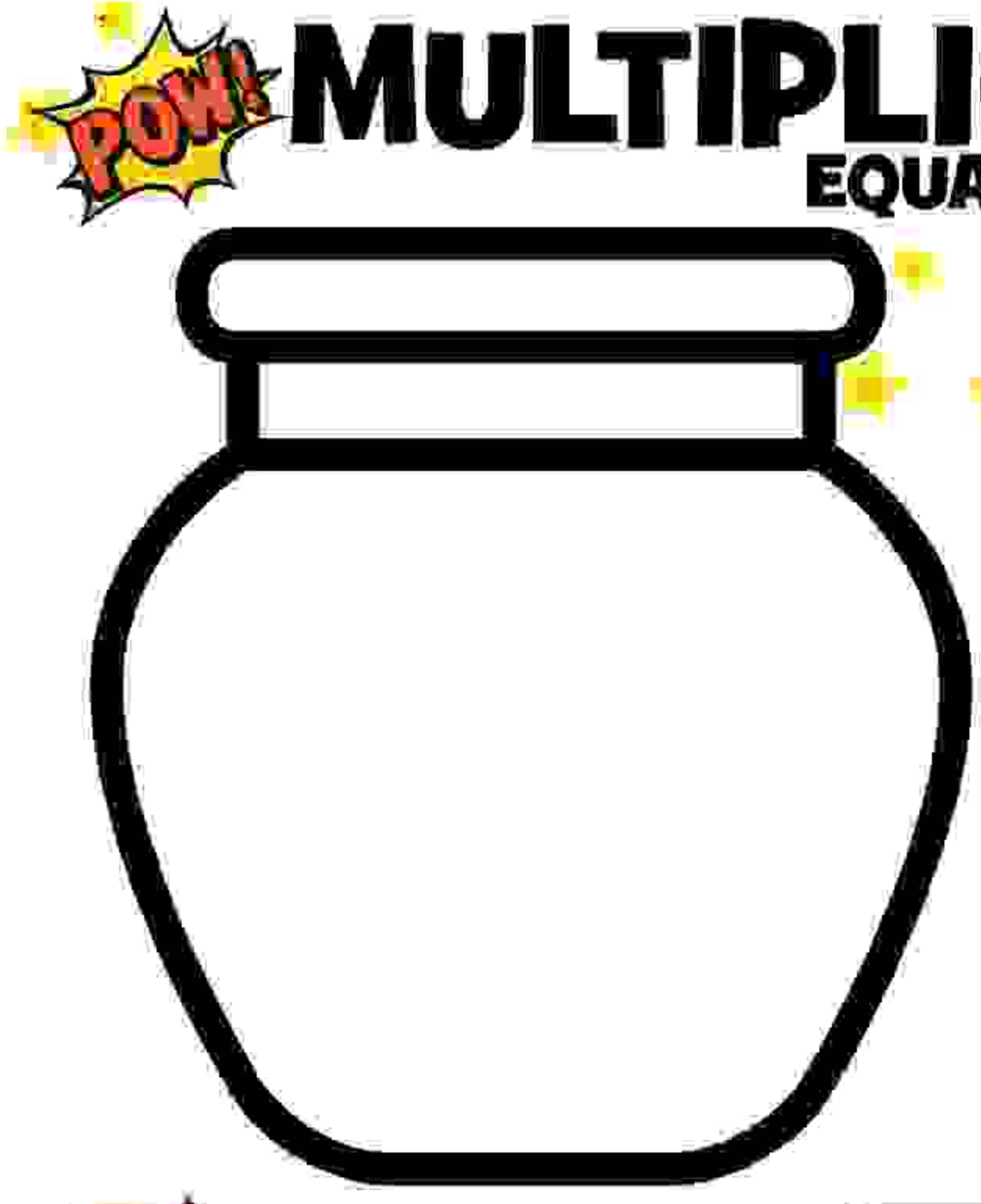
EQUAL GROUPS



1 x ☐ = ☐

MULTIPLICATION MAT

EQUAL GROUPS



2 **x** ☐ **=** ☐

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MULTIPLICATION MAT

EQUAL GROUPS

3 x ☐ = ☐

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MULTIPLICATION MAT

EQUAL GROUPS

3 x ☐ = ☐

MULTIPLICATION MAT

EQUAL GROUPS

3 x ☐ = ☐

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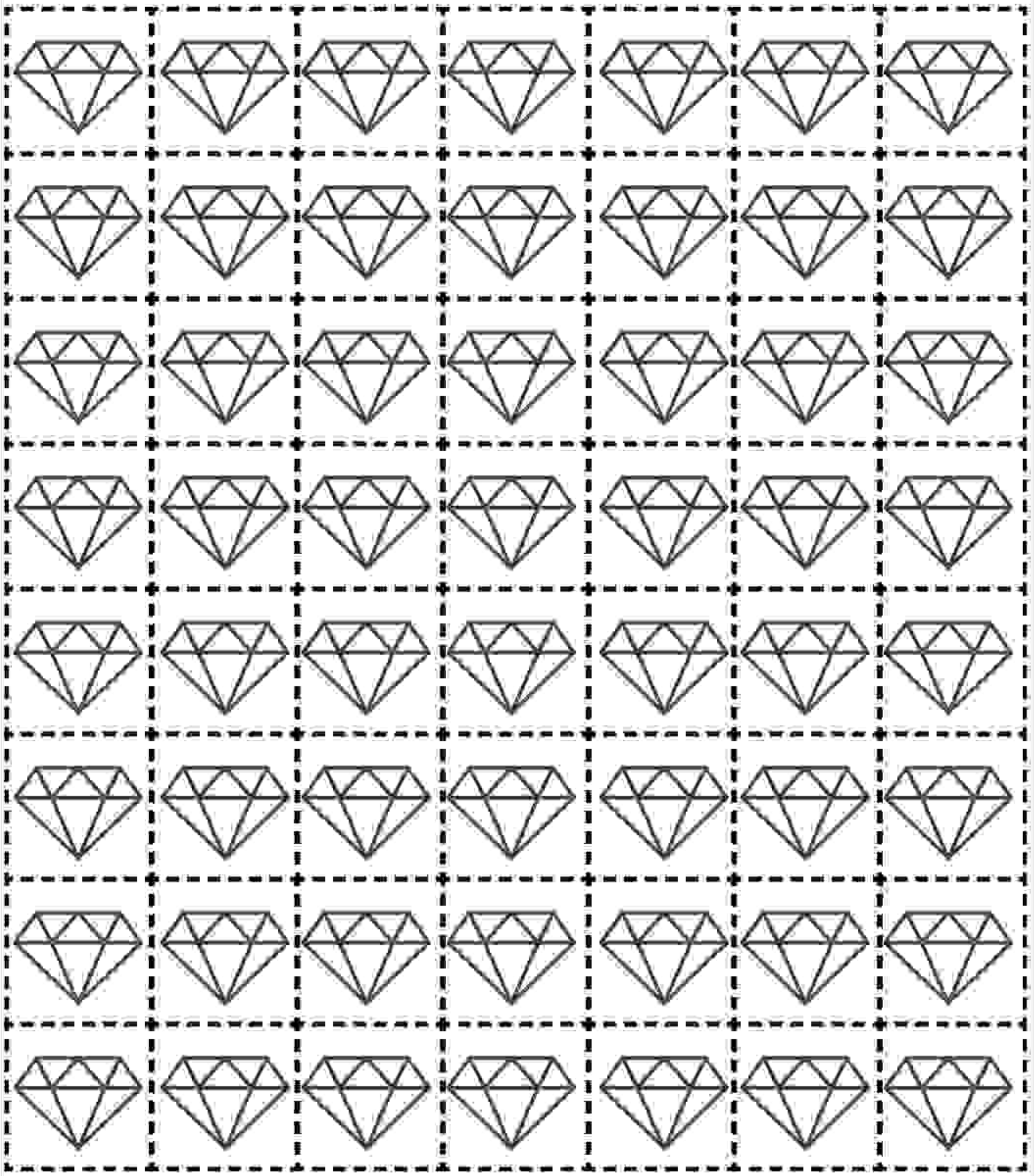
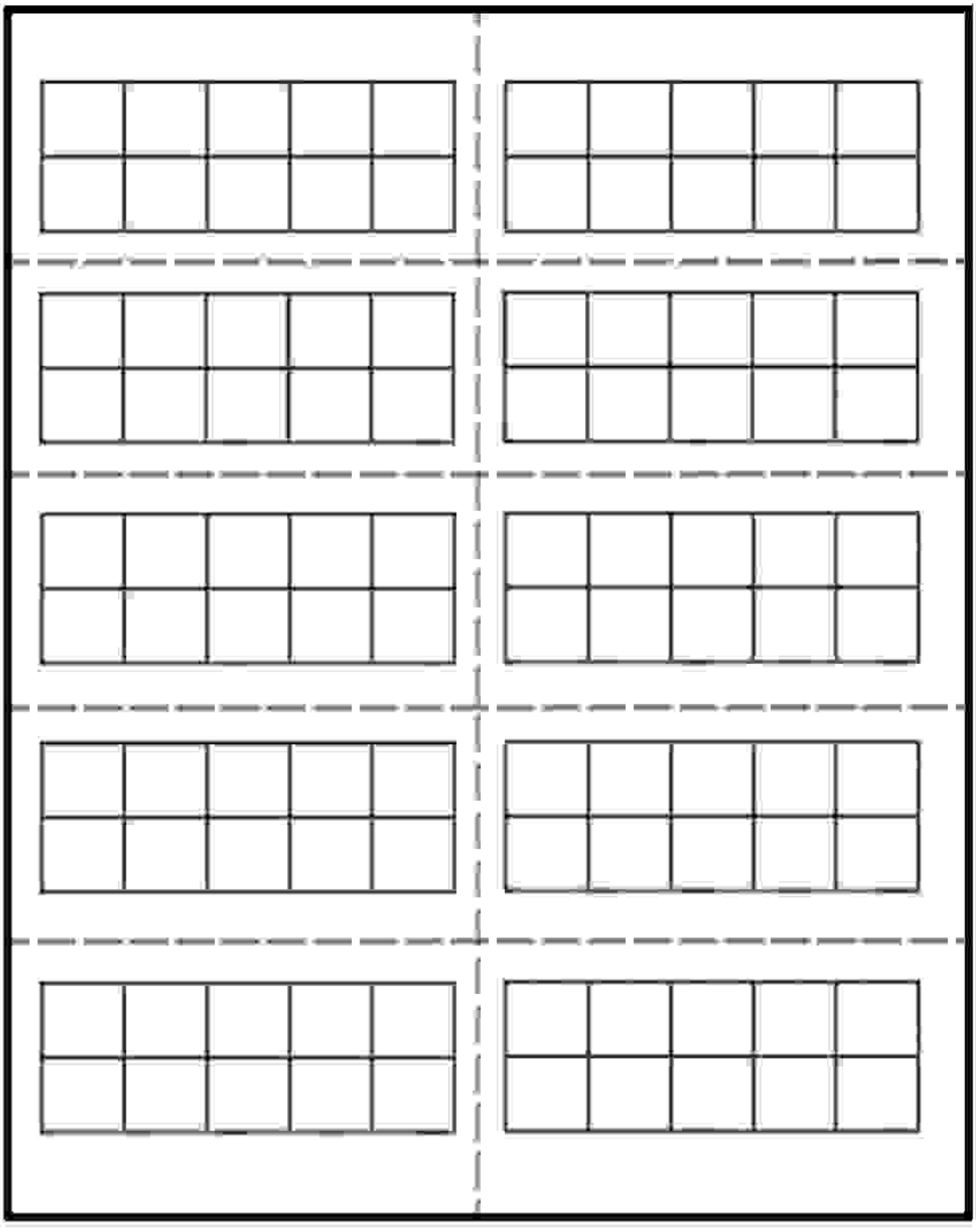
GEM STONES



EMPTY HUNDRED GRID

TEN FRAMES



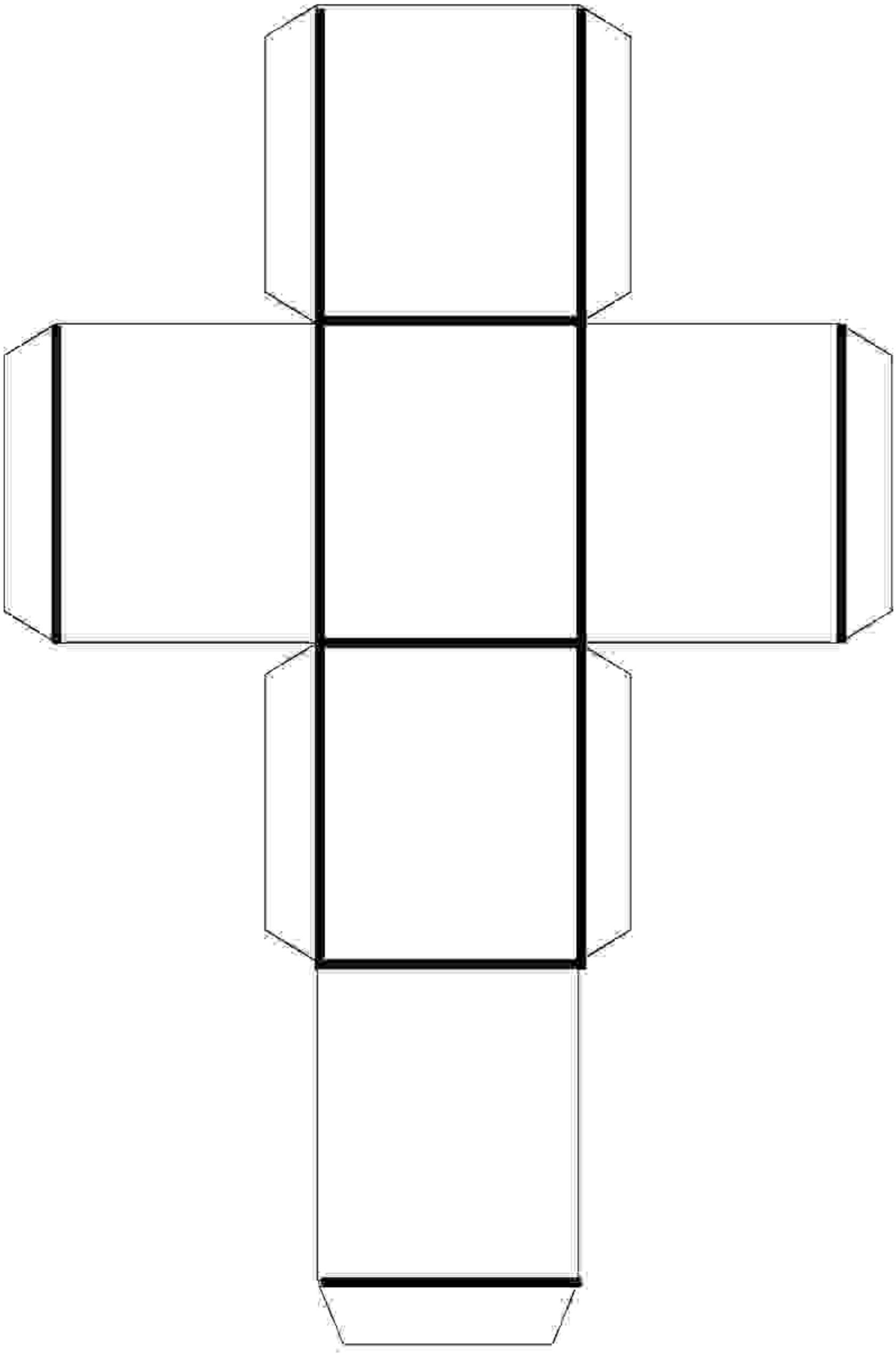
MULTIPLICATION TEMPLATE

○	x	○	=	○
○	x	○	=	○
○	x	○	=	○
○	x	○	=	○
○	x	○	=	○

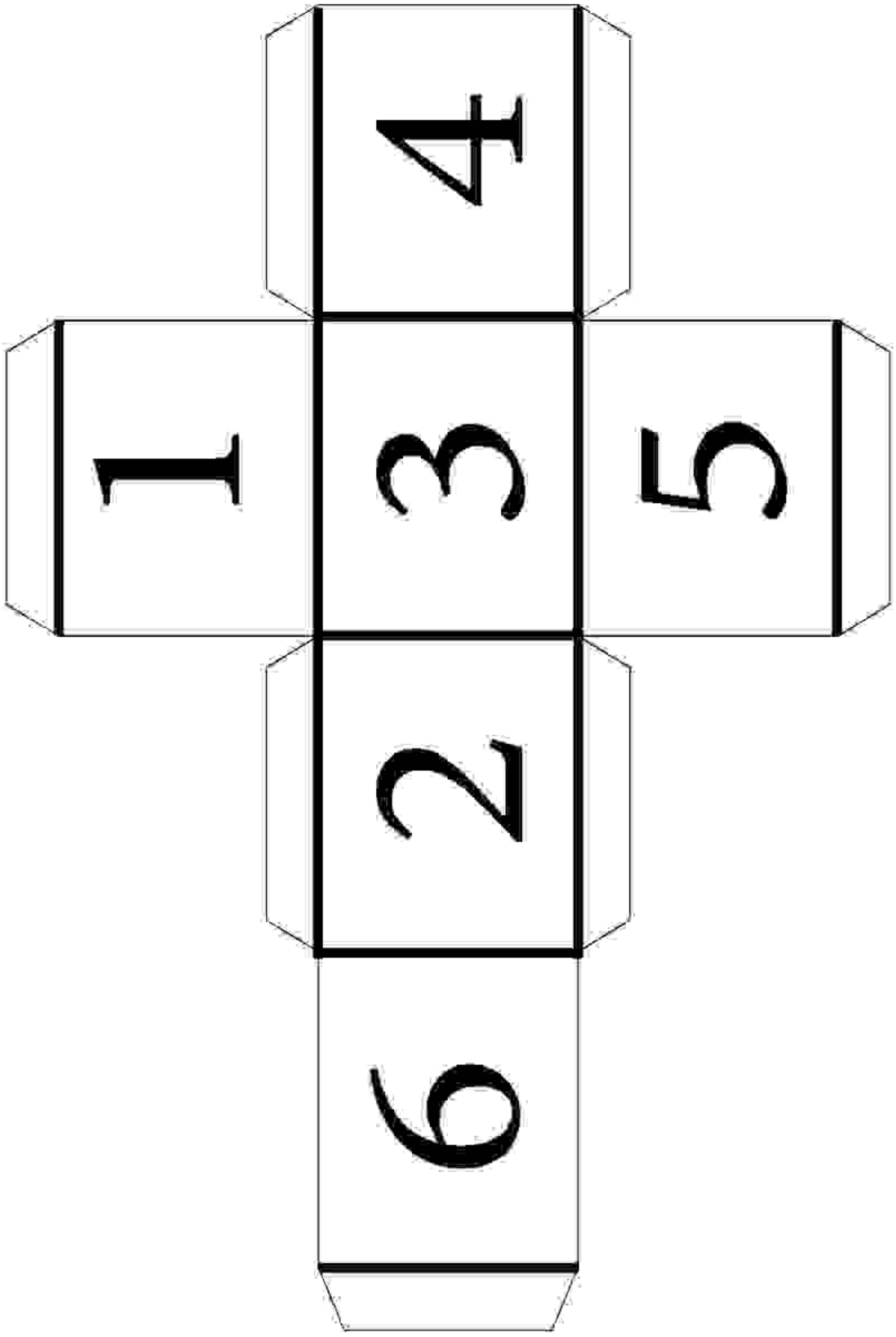
DICE TEMPLATE

	x		=	
	x		=	
	x		=	
	x		=	

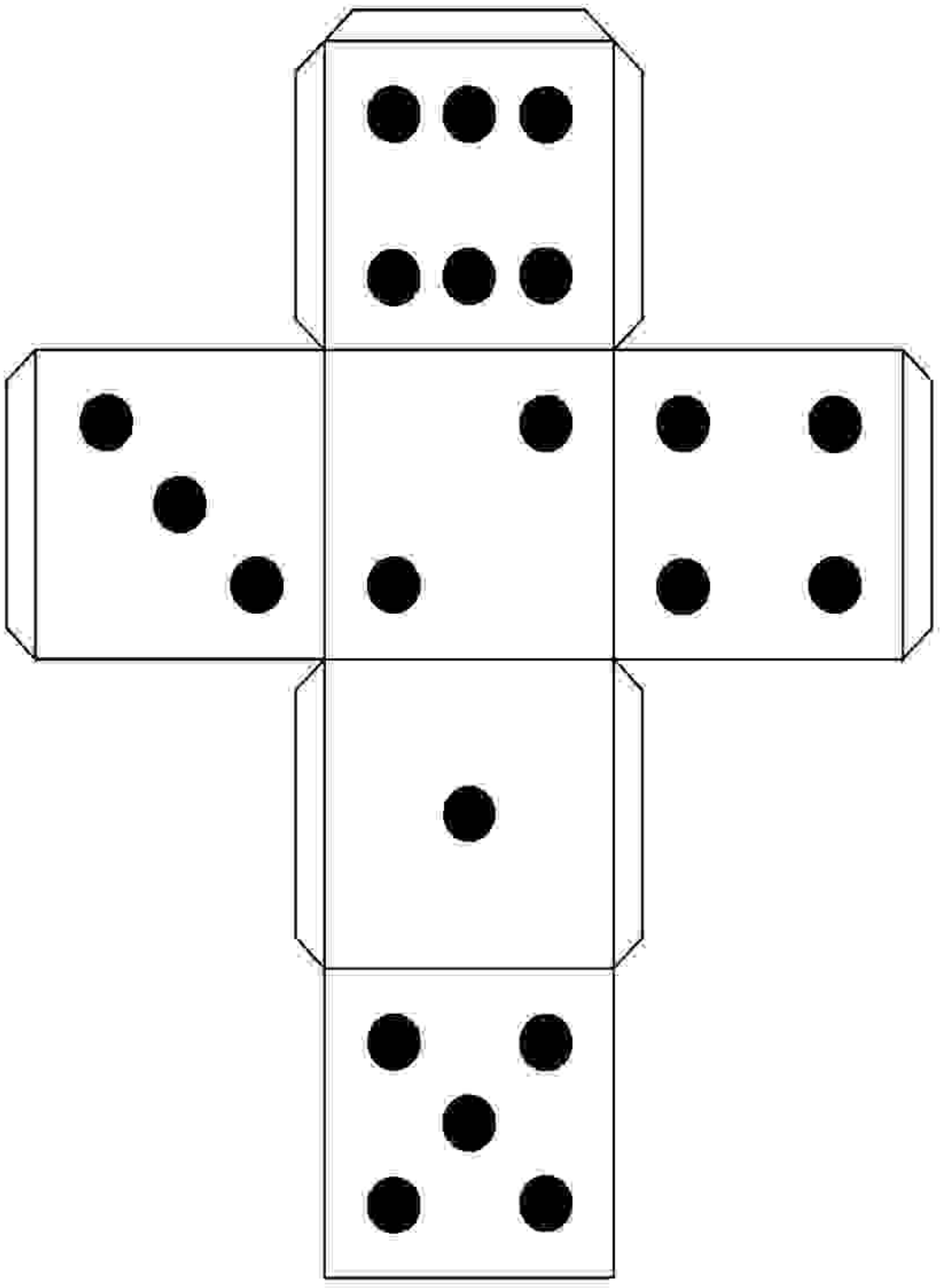
DICE TEMPLATE



DICE TEMPLATE



DICE TEMPLATE

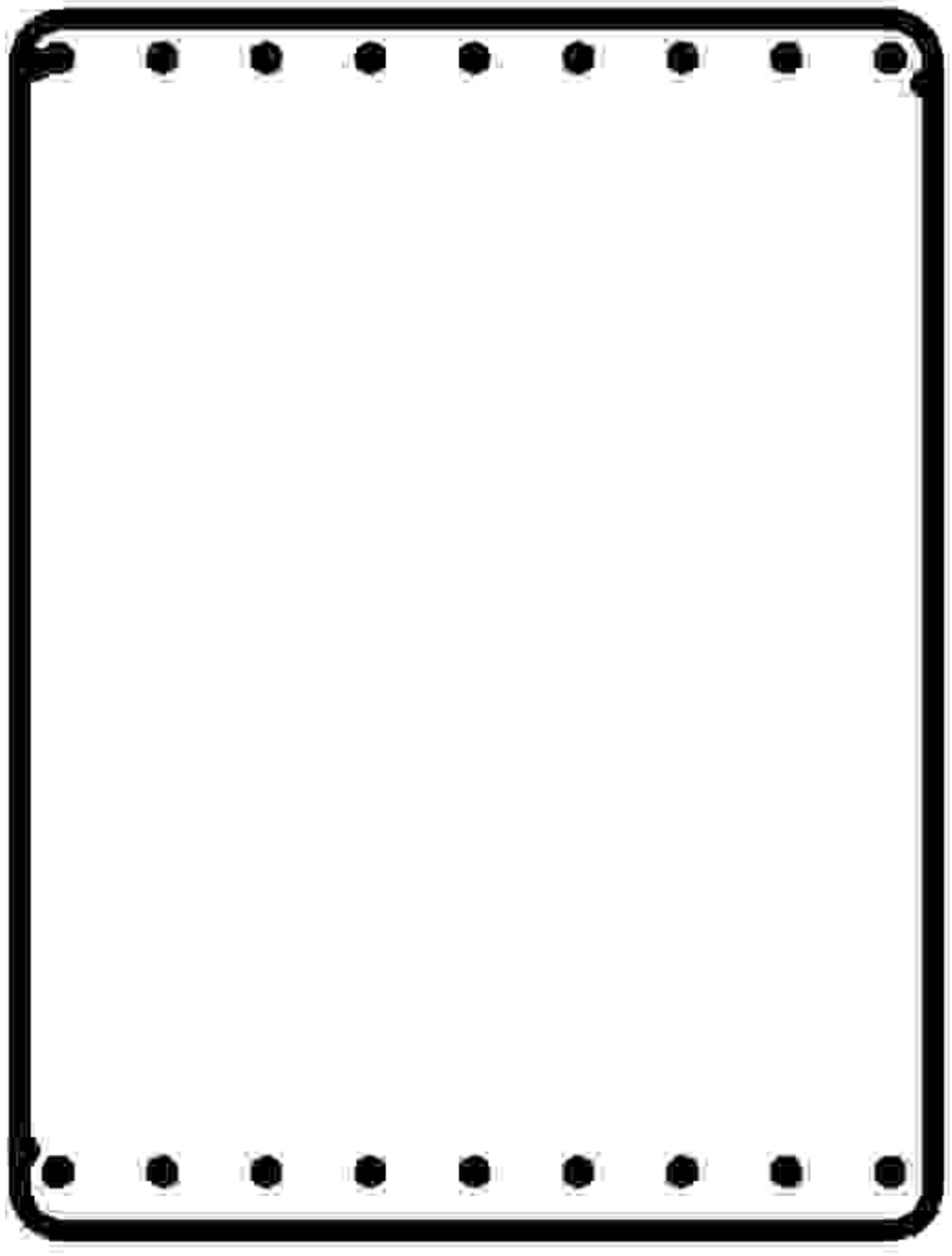


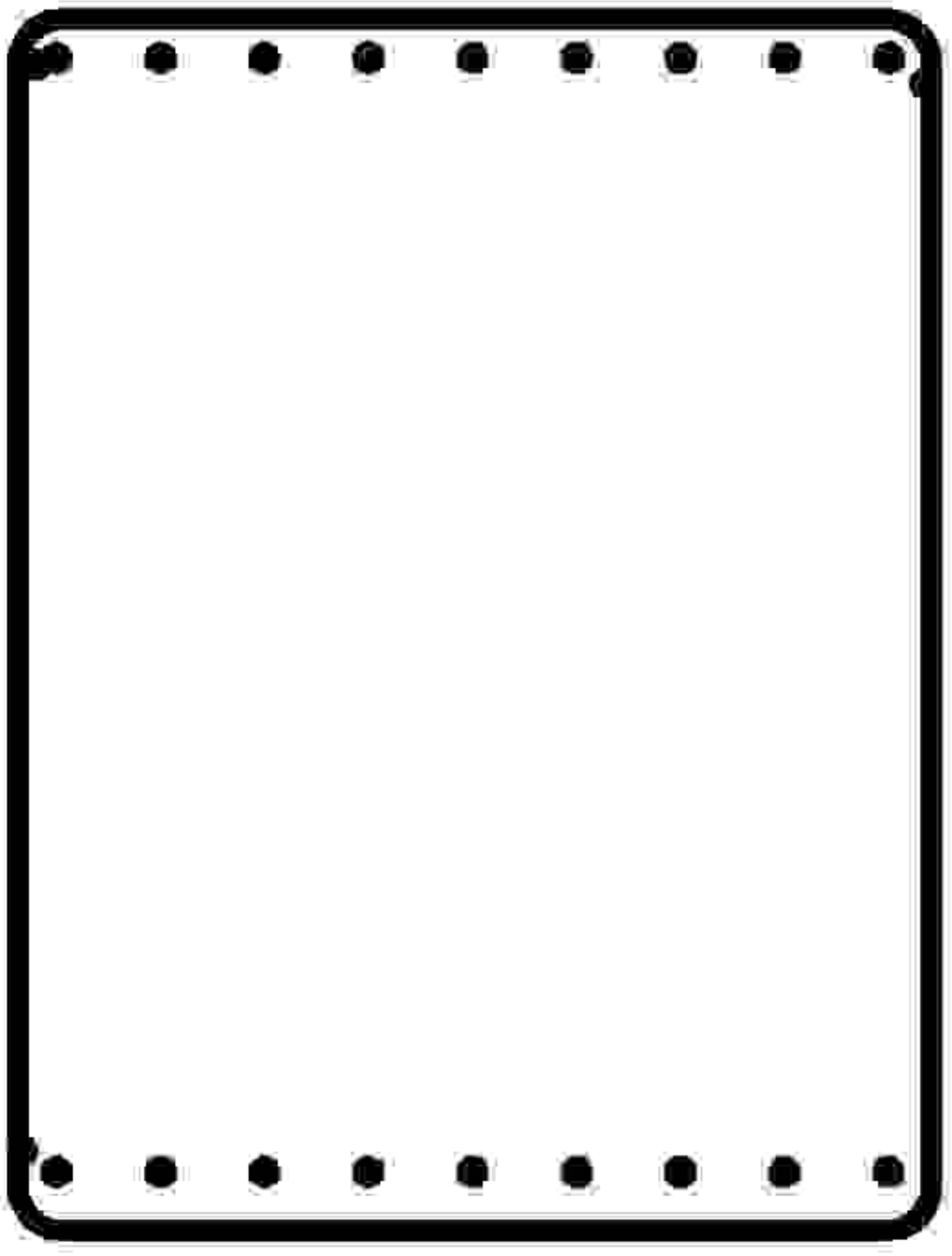
FLASHCARD TEMPLATE

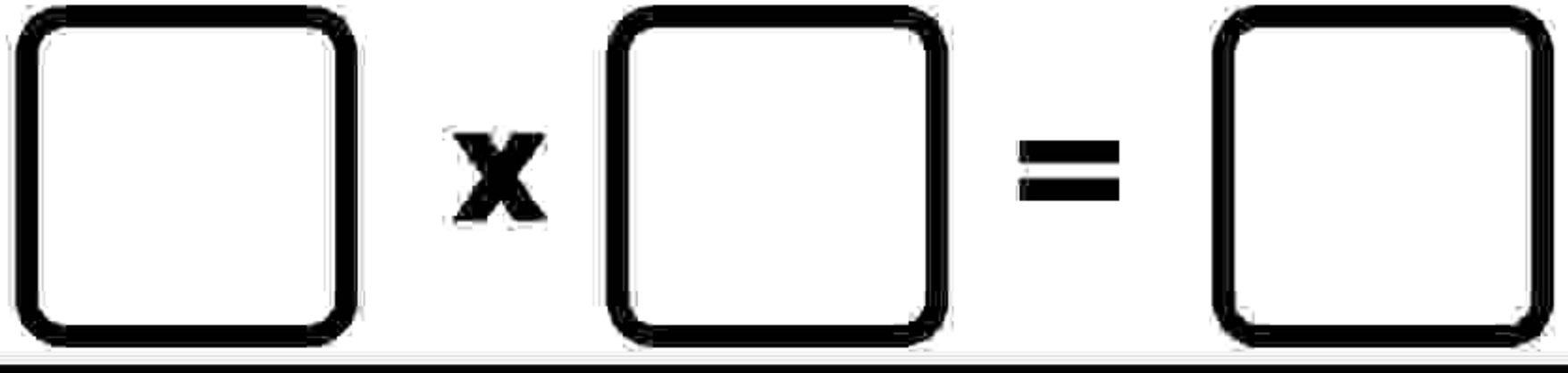
FLASHCARD TEMPLATE

_____	x	_____	= _____
_____	x	_____	= _____
_____	x	_____	= _____
_____	x	_____	= _____
_____	x	_____	= _____
_____	x	_____	= _____
_____	x	_____	= _____
_____	x	_____	= _____

PLAYING CARDS TEMPLATE







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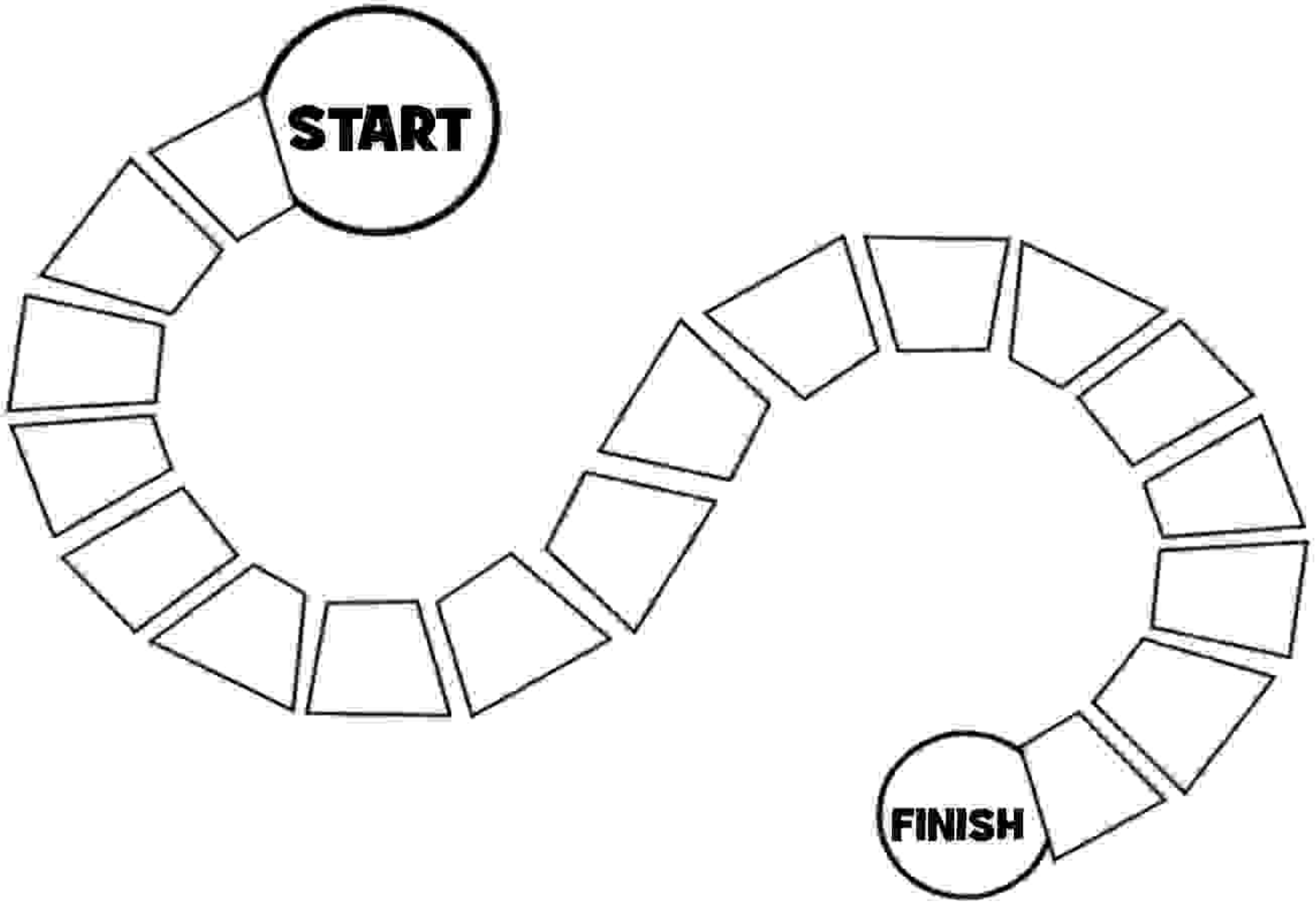
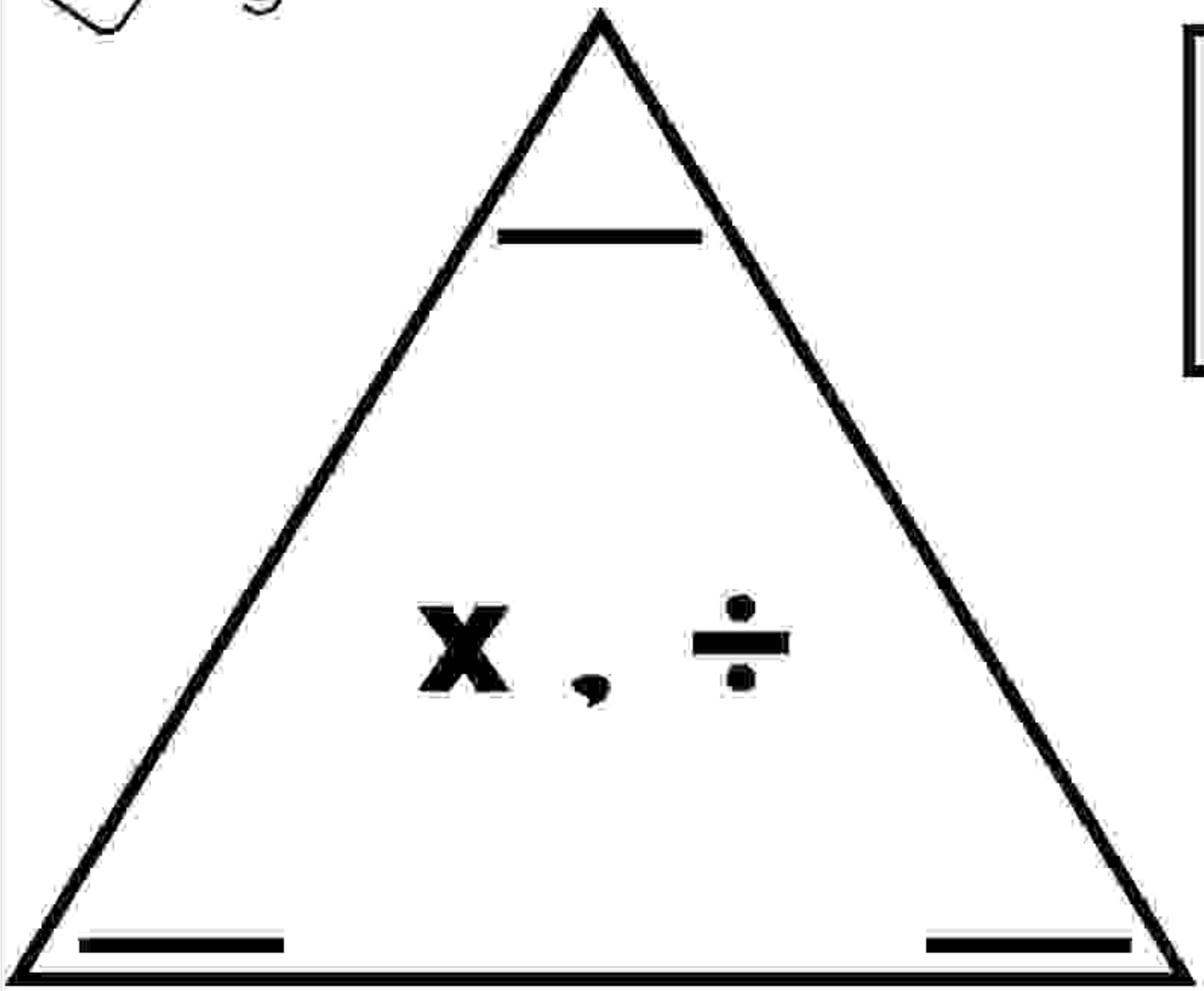
BOARD GAME TEMPLATE



FACT FAMILY TRIANGLE



_____ , _____ , _____

_____ x _____ = _____

_____ x _____ = _____

_____ x _____ = _____

_____ x _____ = _____

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Multiplication Chart

×	0	1	2	3	4	5	6	7	8	9	10
0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10
2	0	2	4	6	8	10	12	14	16	18	20
3	0	3	6	9	12	15	18	21	24	27	30
4	0	4	8	12	16	20	24	28	32	36	40
5	0	5	10	15	20	25	30	35	40	45	50
6	0	6	12	18	24	30	36	42	48	54	60
7	0	7	14	21	28	35	42	49	56	63	70
8	0	8	16	24	32	40	48	56	64	72	80
9	0	9	18	27	36	45	54	63	72	81	90
10	0	10	20	30	40	50	60	70	80	90	100

MULTIPLICATION CHARTS

2 Multiplication

2 x 1 = 2
2 x 2 = 4
2 x 3 = 6
2 x 4 = 8
2 x 5 = 10
2 x 6 = 12
2 x 7 = 14
2 x 8 = 16
2 x 9 = 18
2 x 10 = 20
2 x 11 = 22
2 x 12 = 24

3 Multiplication

3 x 1 = 3
3 x 2 = 6
3 x 3 = 9
3 x 4 = 12
3 x 5 = 15
3 x 6 = 18
3 x 7 = 21
3 x 8 = 24
3 x 9 = 27
3 x 10 = 30
3 x 11 = 33
3 x 12 = 36

4 Multiplication

4 x 1 = 4
4 x 2 = 8
4 x 3 = 12
4 x 4 = 16
4 x 5 = 20
4 x 6 = 24
4 x 7 = 28
4 x 8 = 32
4 x 9 = 36
4 x 10 = 40
4 x 11 = 44
4 x 12 = 48

5 Multiplication

5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50
5 x 11 = 55
5 x 12 = 60

6 Multiplication

6 x 1 = 6
6 x 2 = 12
6 x 3 = 18
6 x 4 = 24
6 x 5 = 30
6 x 6 = 36
6 x 7 = 42
6 x 8 = 48
6 x 9 = 54
6 x 10 = 60
6 x 11 = 66
6 x 12 = 72

7 Multiplication

7 x 1 = 7
7 x 2 = 14
7 x 3 = 21
7 x 4 = 28
7 x 5 = 35
7 x 6 = 42
7 x 7 = 49
7 x 8 = 56
7 x 9 = 63
7 x 10 = 70
7 x 11 = 77
7 x 12 = 84

8 Multiplication

8 x 1 = 8
8 x 2 = 16
8 x 3 = 24
8 x 4 = 32
8 x 5 = 40
8 x 6 = 48
8 x 7 = 56
8 x 8 = 64
8 x 9 = 72
8 x 10 = 80
8 x 11 = 88
8 x 12 = 96

9 Multiplication

9 x 1 = 9
9 x 2 = 18
9 x 3 = 27
9 x 4 = 36
9 x 5 = 45
9 x 6 = 54
9 x 7 = 63
9 x 8 = 72
9 x 9 = 81
9 x 10 = 90
9 x 11 = 99
9 x 12 = 108

10 Multiplication

10 x 1 = 10
10 x 2 = 20
10 x 3 = 30
10 x 4 = 40
10 x 5 = 50
10 x 6 = 60
10 x 7 = 70
10 x 8 = 80
10 x 9 = 90
10 x 10 = 100
10 x 11 = 110
10 x 12 = 120

MULTIPLICATION TABLES

1

1 x 1 = 1
1 x 2 = 2
1 x 3 = 3
1 x 4 = 4
1 x 5 = 5
1 x 6 = 6
1 x 7 = 7
1 x 8 = 8
1 x 9 = 9
1 x 10 = 10
1 x 11 = 11
1 x 12 = 12

2

2 x 1 = 2
2 x 2 = 4
2 x 3 = 6
2 x 4 = 8
2 x 5 = 10
2 x 6 = 12
2 x 7 = 14
2 x 8 = 16
2 x 9 = 18
2 x 10 = 20
2 x 11 = 22
2 x 12 = 24

3

3 x 1 = 3
3 x 2 = 6
3 x 3 = 9
3 x 4 = 12
3 x 5 = 15
3 x 6 = 18
3 x 7 = 21
3 x 8 = 24
3 x 9 = 27
3 x 10 = 30
3 x 11 = 33
3 x 12 = 36

4

4 x 1 = 4
4 x 2 = 8
4 x 3 = 12
4 x 4 = 16
4 x 5 = 20
4 x 6 = 24
4 x 7 = 28
4 x 8 = 32
4 x 9 = 36
4 x 10 = 40
4 x 11 = 44
4 x 12 = 48

5

5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50
5 x 11 = 55
5 x 12 = 60

6

6 x 1 = 6
6 x 2 = 12
6 x 3 = 18
6 x 4 = 24
6 x 5 = 30
6 x 6 = 36
6 x 7 = 42
6 x 8 = 48
6 x 9 = 54
6 x 10 = 60
6 x 11 = 66
6 x 12 = 72

7

7 x 1 = 7
7 x 2 = 14
7 x 3 = 21
7 x 4 = 28
7 x 5 = 35
7 x 6 = 42
7 x 7 = 49
7 x 8 = 56
7 x 9 = 63
7 x 10 = 70
7 x 11 = 77
7 x 12 = 84

8

8 x 1 = 8
8 x 2 = 16
8 x 3 = 24
8 x 4 = 32
8 x 5 = 40
8 x 6 = 48
8 x 7 = 56
8 x 8 = 64
8 x 9 = 72
8 x 10 = 80
8 x 11 = 88
8 x 12 = 96

9

9 x 1 = 9
9 x 2 = 18
9 x 3 = 27
9 x 4 = 36
9 x 5 = 45
9 x 6 = 54
9 x 7 = 63
9 x 8 = 72
9 x 9 = 81
9 x 10 = 90
9 x 11 = 99
9 x 12 = 108

10

10 x 1 = 10
10 x 2 = 20
10 x 3 = 30
10 x 4 = 40
10 x 5 = 50
10 x 6 = 60
10 x 7 = 70
10 x 8 = 80
10 x 9 = 90
10 x 10 = 100
10 x 11 = 110
10 x 12 = 120

11

11 x 1 = 11
11 x 2 = 22
11 x 3 = 33
11 x 4 = 44
11 x 5 = 55
11 x 6 = 66
11 x 7 = 77
11 x 8 = 88
11 x 9 = 99
11 x 10 = 110
11 x 11 = 121
11 x 12 = 132

12

12 x 1 = 12
12 x 2 = 24
12 x 3 = 36
12 x 4 = 48
12 x 5 = 60
12 x 6 = 72
12 x 7 = 84
12 x 8 = 96
12 x 9 = 108
12 x 10 = 120
12 x 11 = 132
12 x 12 = 144

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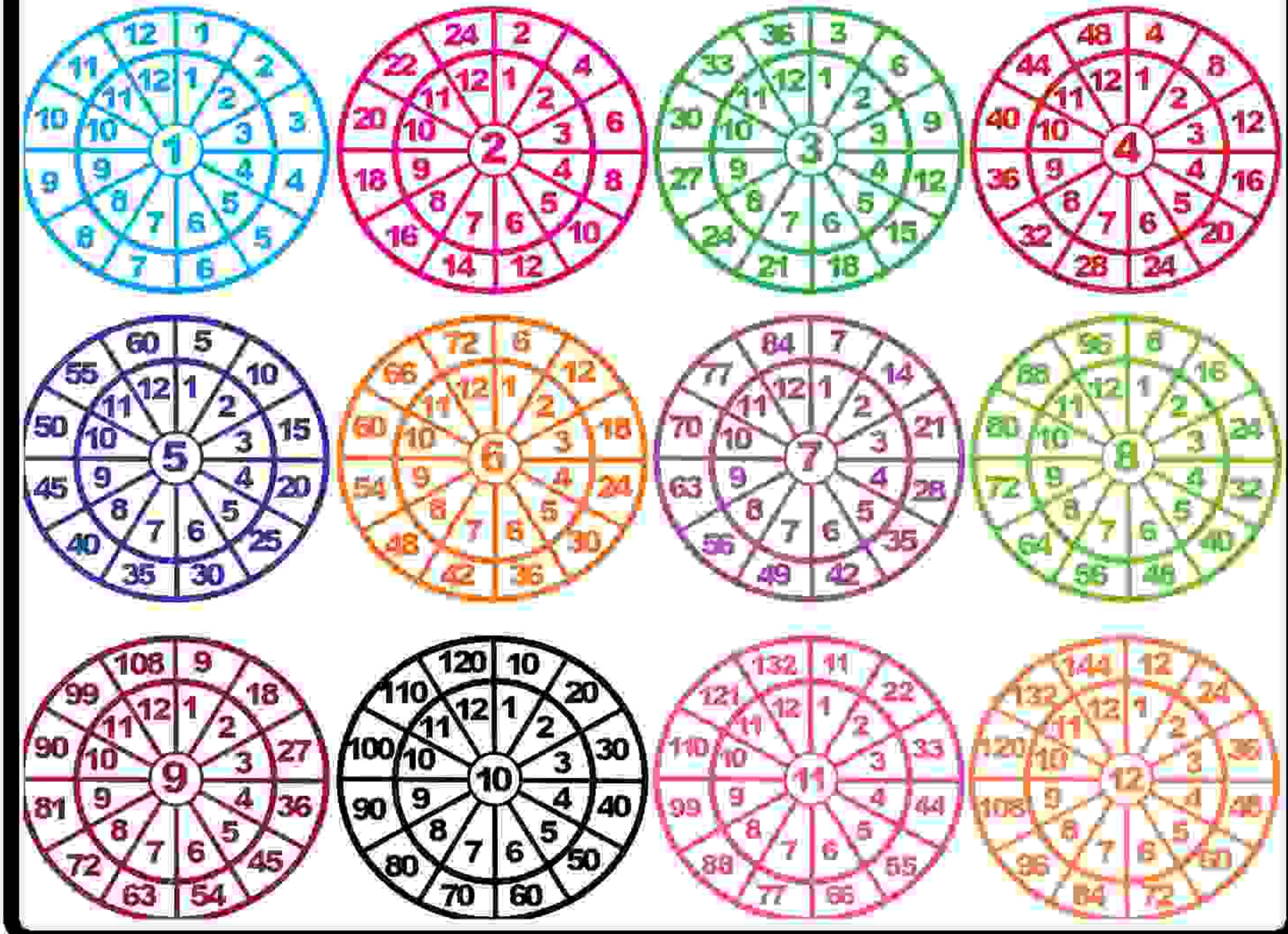
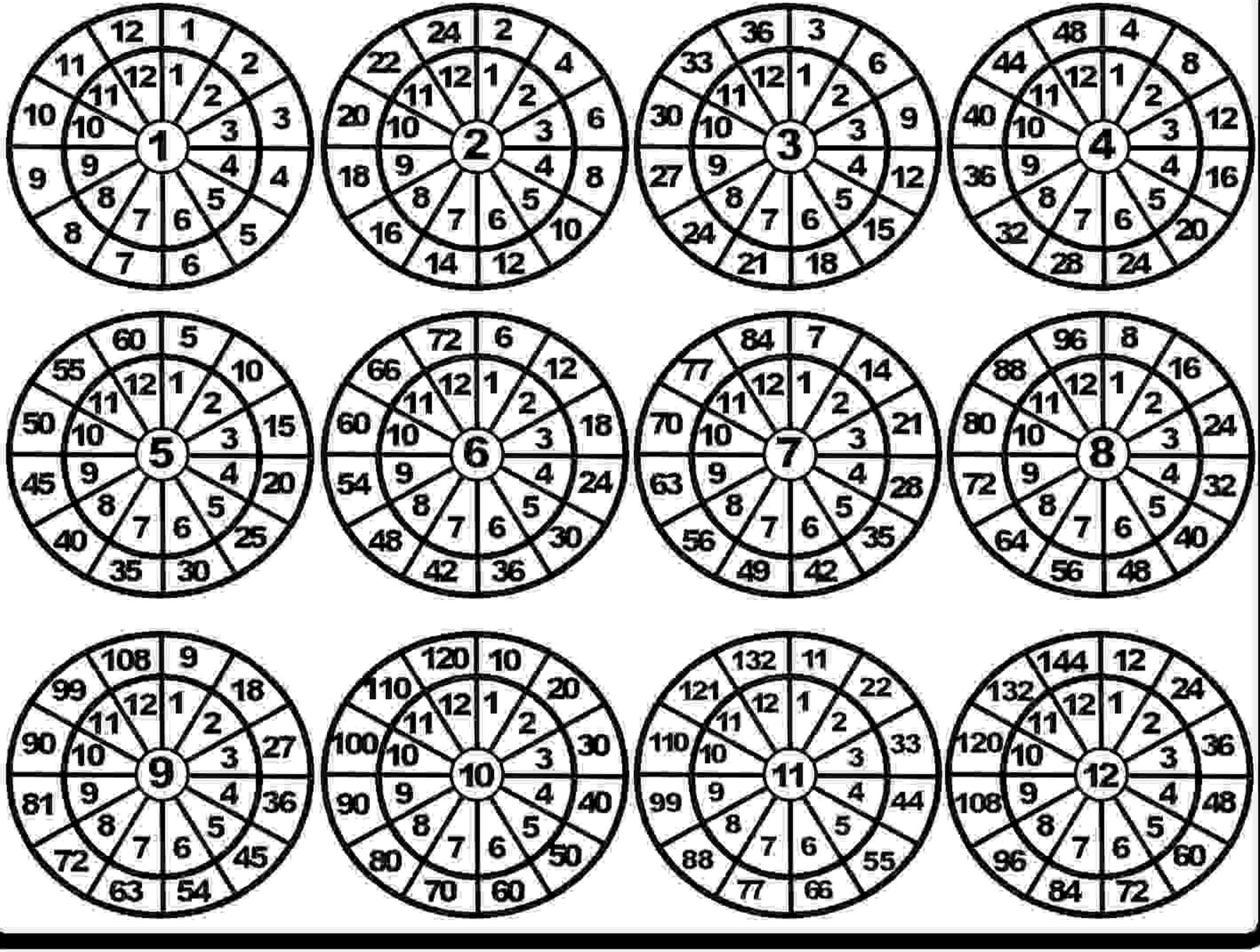

1
2
3
4
5
6
7
8
9
10
11
12


1
2
3
4
5
6
7
8
9
10
11
12

MULTIPLICATION GRID

X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

SKIP COUNTING STRIPS

2s	3s	4s	5s	6s	7s	8s	9s	10s
2	3	4	5	6	7	8	9	10
4	6	8	10	12	14	16	18	20
6	9	12	15	18	21	24	27	30
8	12	16	20	24	28	32	36	40
10	15	20	25	30	35	40	45	50
12	18	24	30	36	42	48	54	60
14	21	28	35	42	49	56	63	70
16	24	32	40	48	56	64	72	80
18	27	36	45	54	63	72	81	90
20	30	40	50	60	70	80	90	100
22	33	44	55	66	77	88	99	110
24	36	48	60	72	84	96	108	120

Multiples of 2

6 8
4 10
2 12
14
16
18
20 22 24

Multiples of 3

6 9
3 12
15
18 21
24
36
33 27
30

Multiples of 4

4 28
8 32
12 40
16 36
20 24 44
48

Multiples of 5

15 10 5
20
25 30 35
40
60 45
55 50

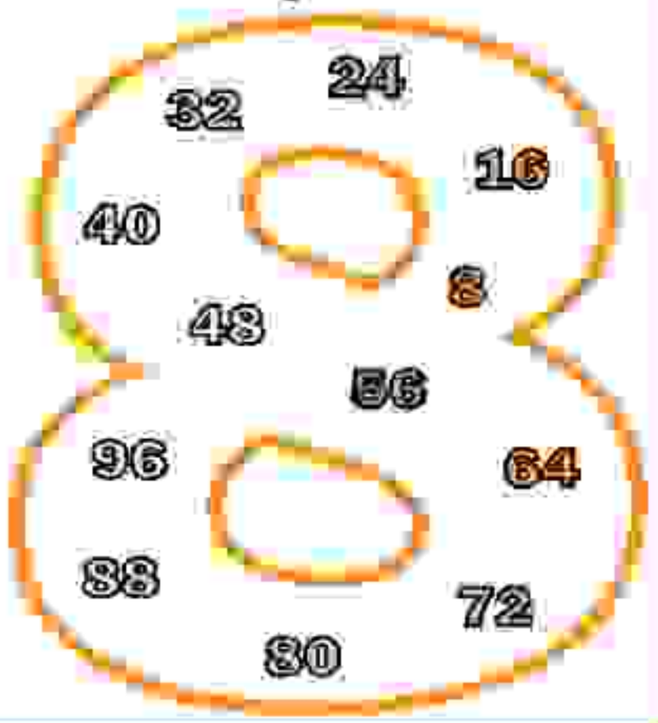
Multiples of 6

18 12
6
24
30 72
36 66
42 60
48 54

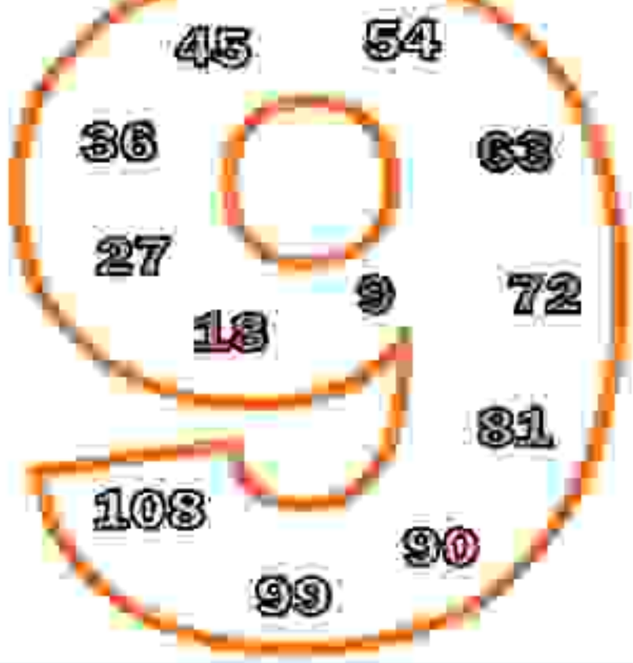
Multiples of 7

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

Multiples of 8

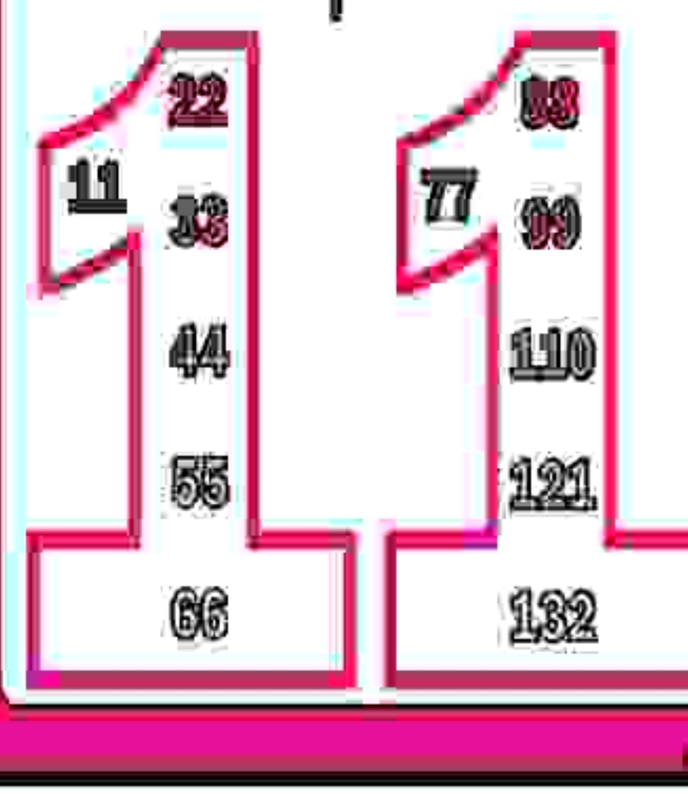


Multiples of 9

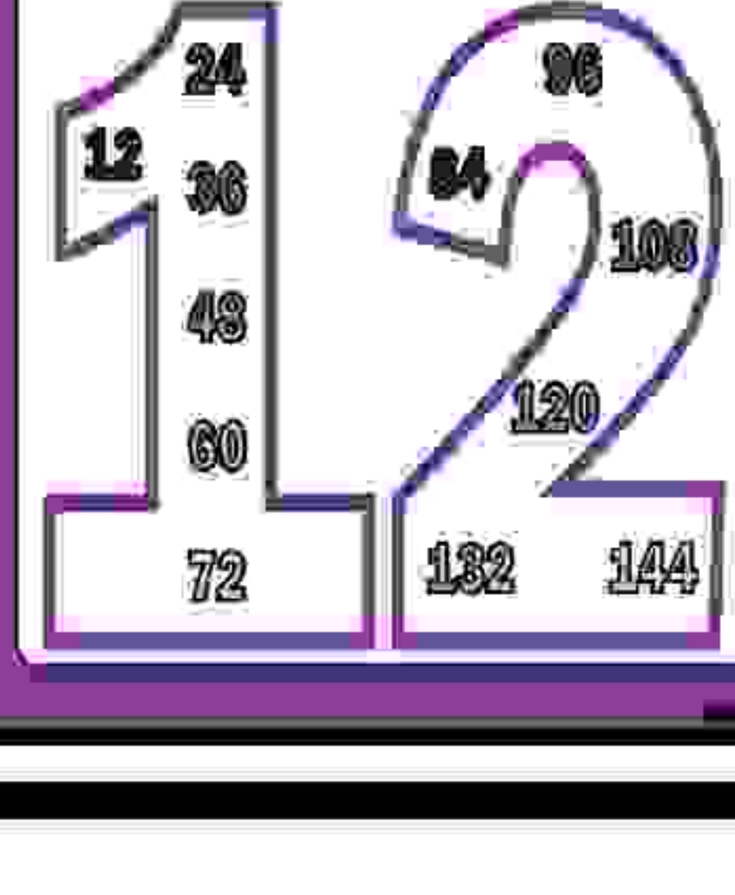


Multiples of 10

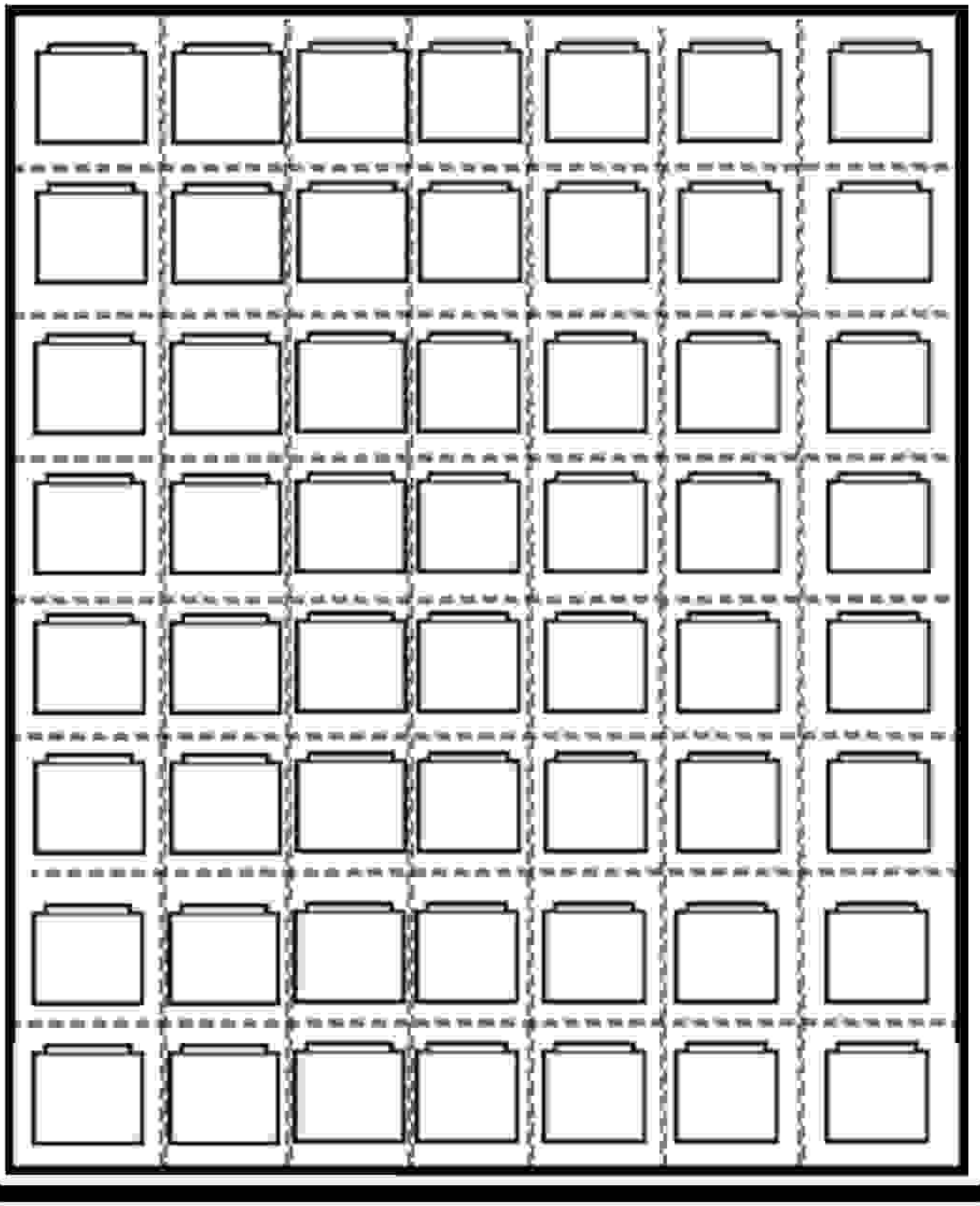
Multiples of 11



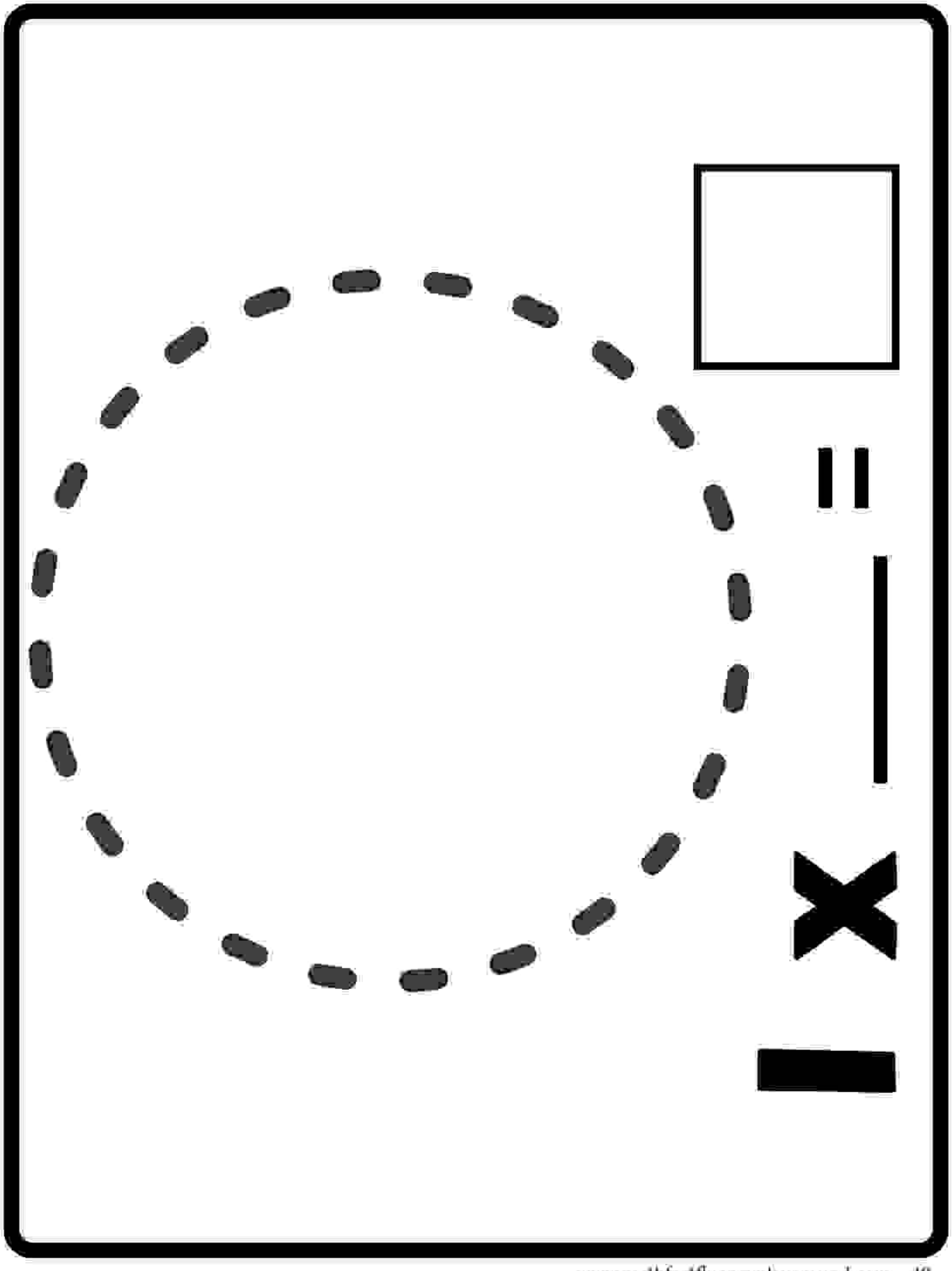
Multiples of 12

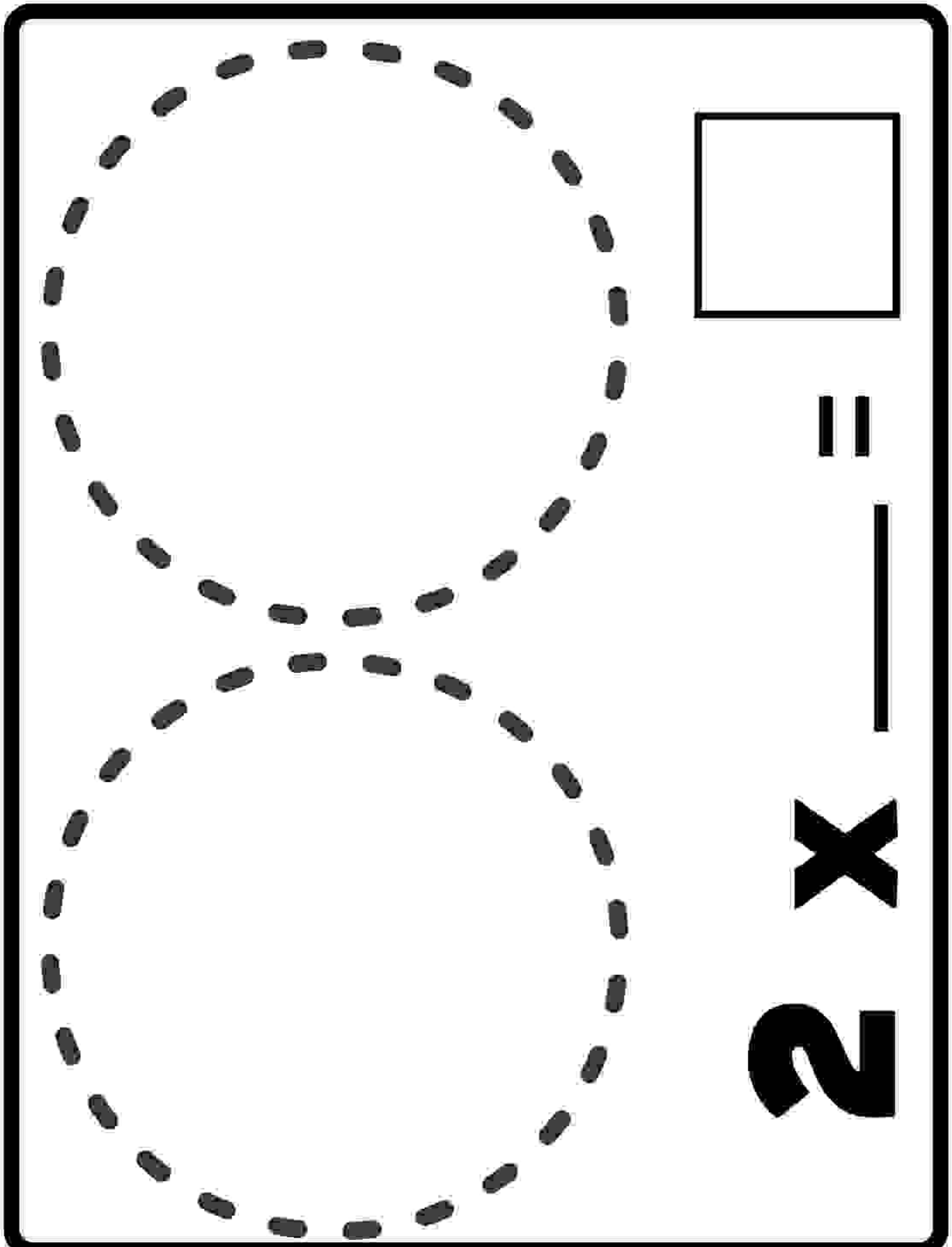


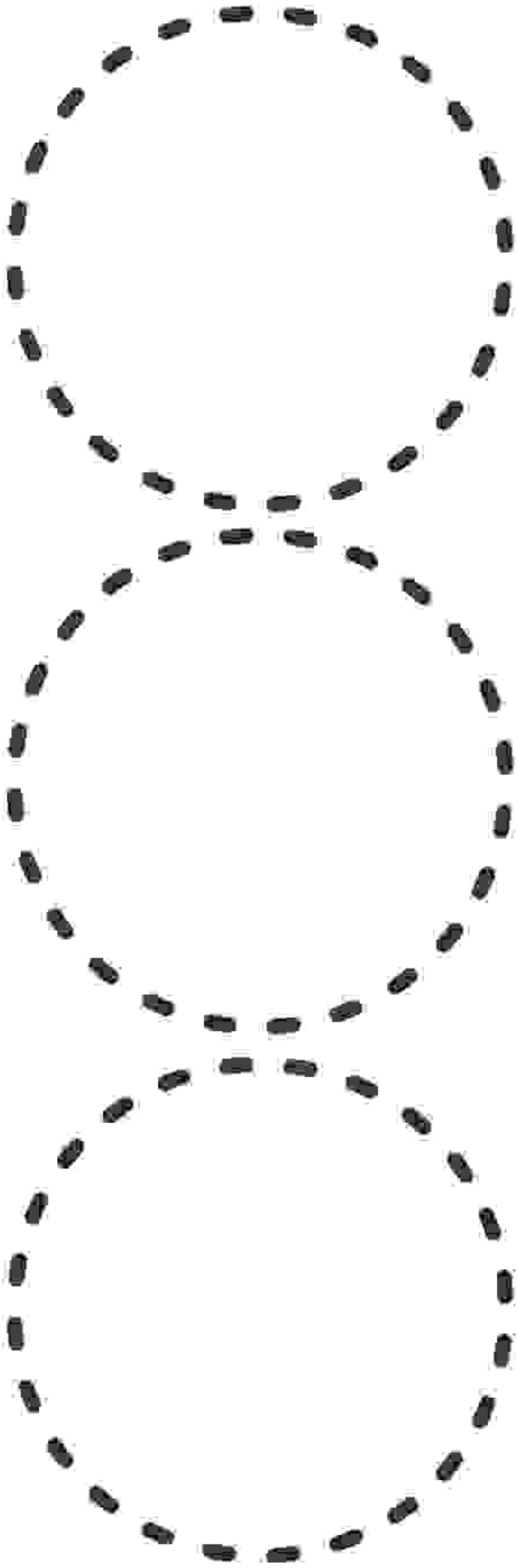
Cube Counters

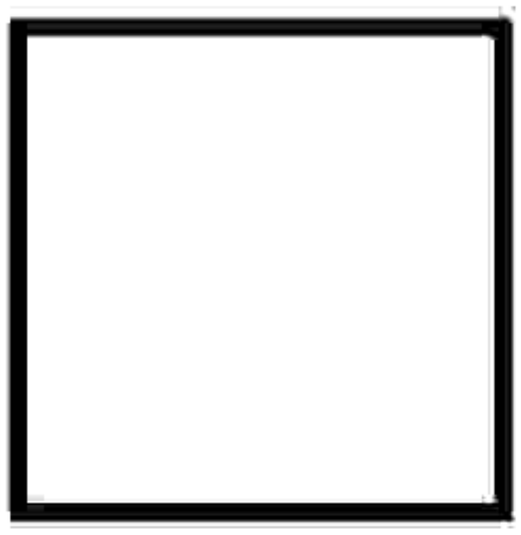


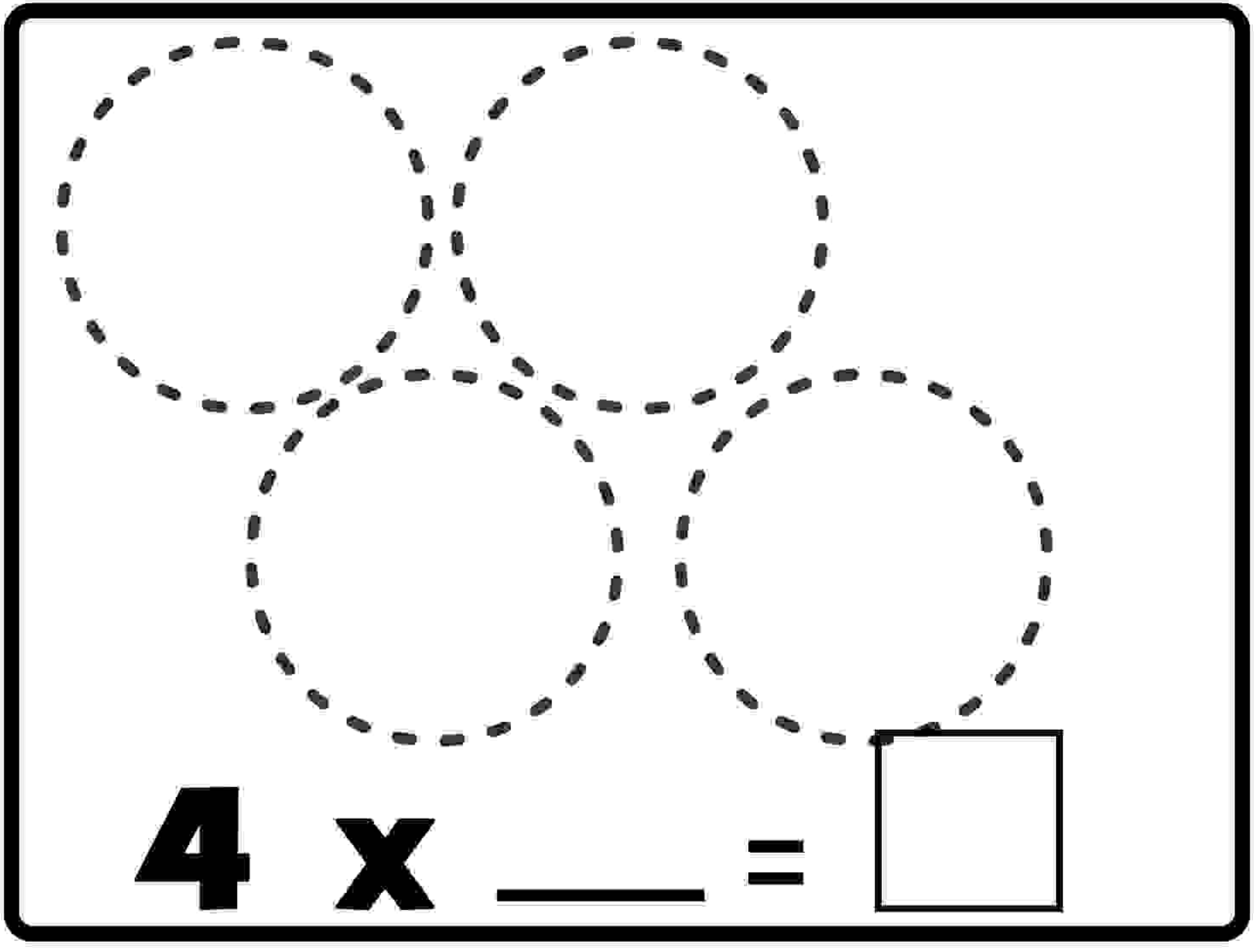
CIRCLE COUNTERS

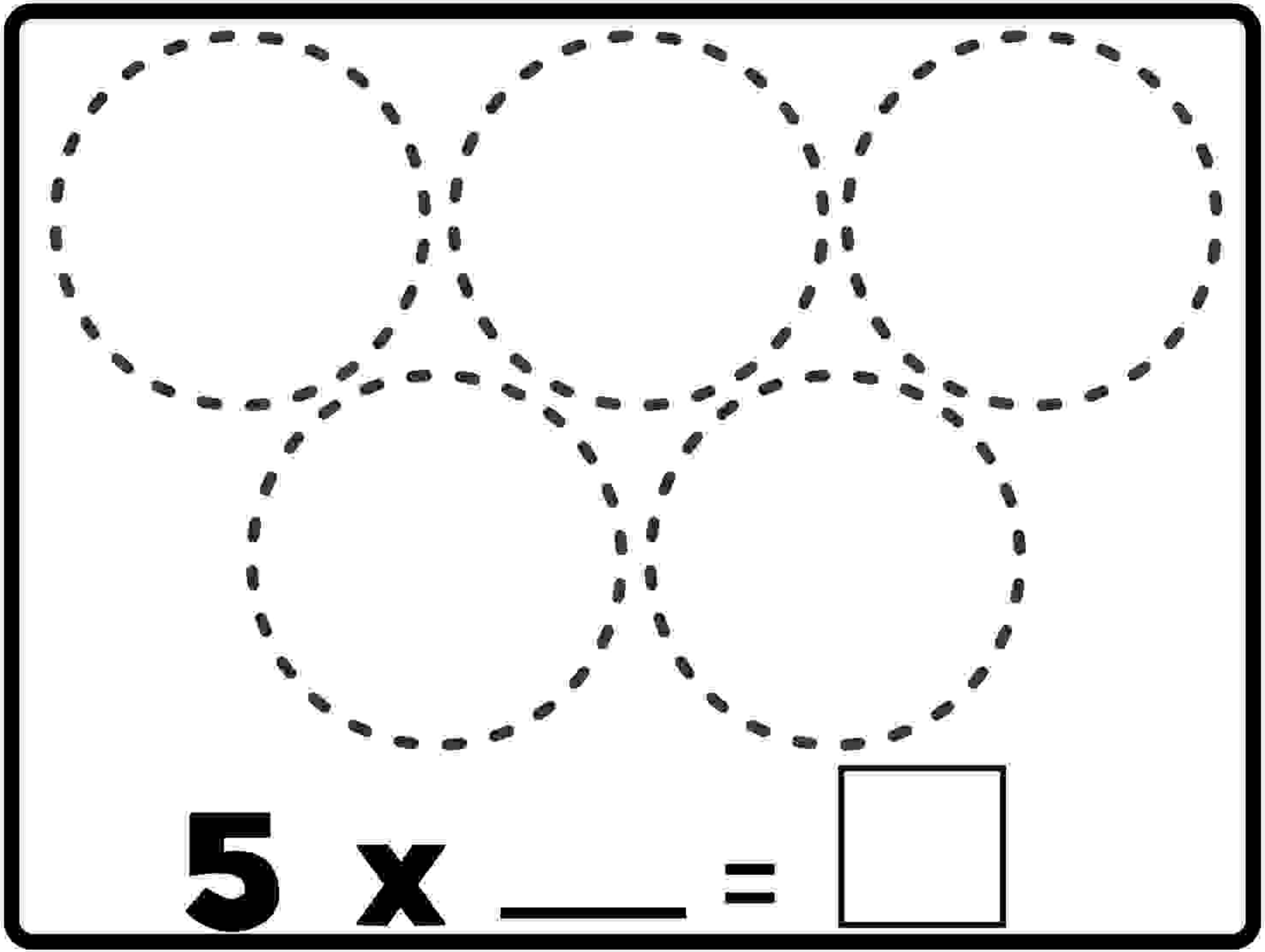



11
x
2






4 x ____ = □



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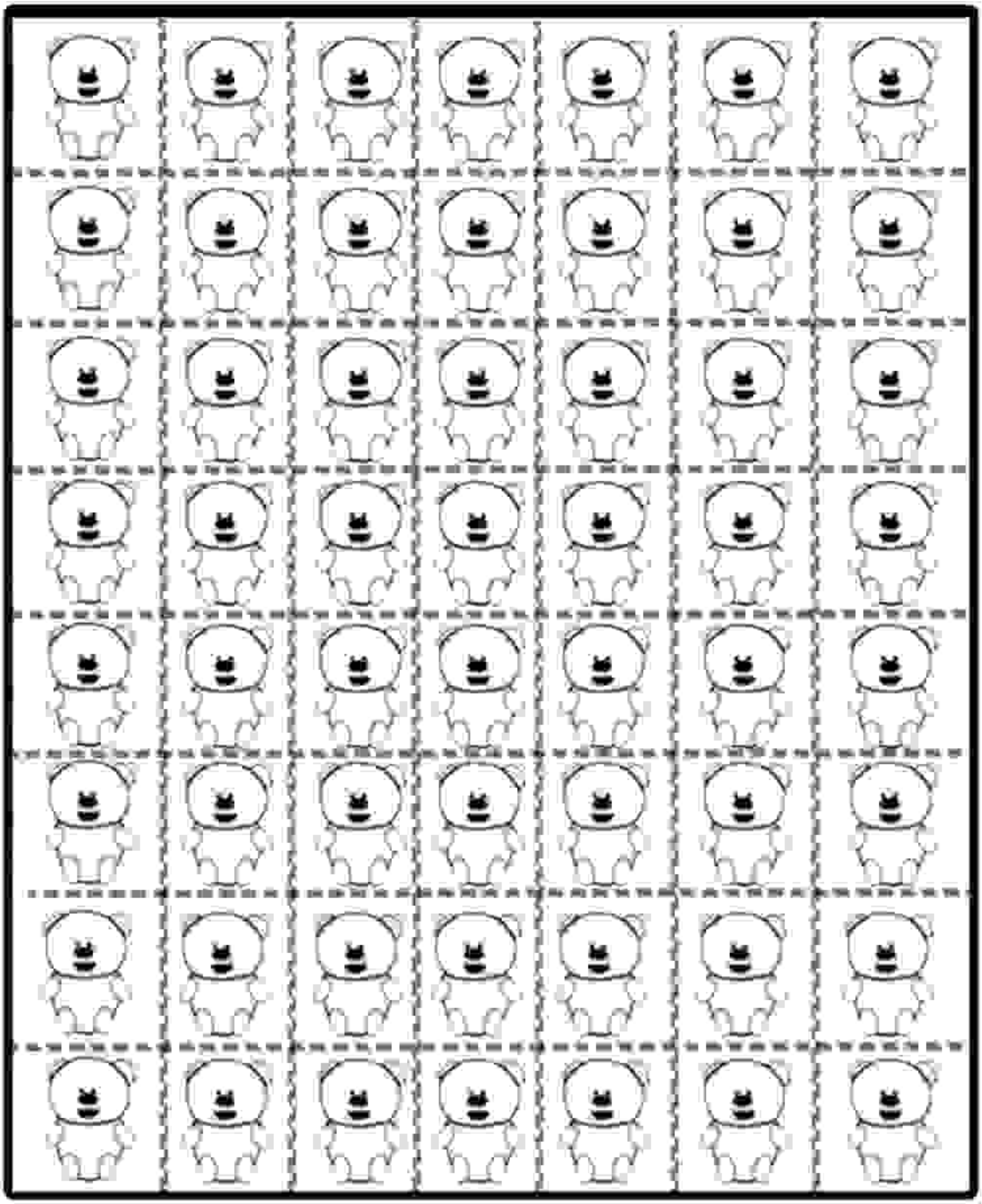
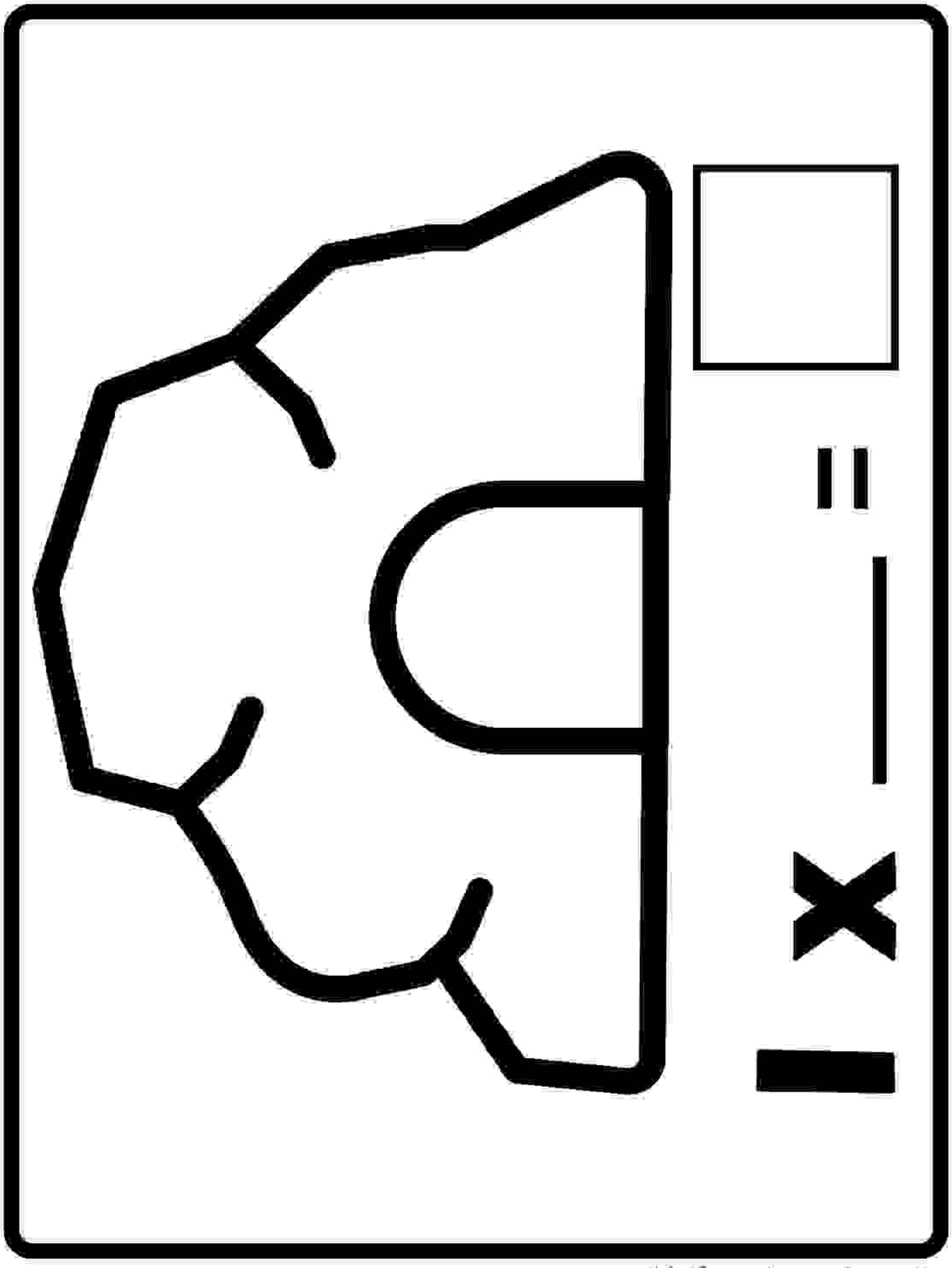
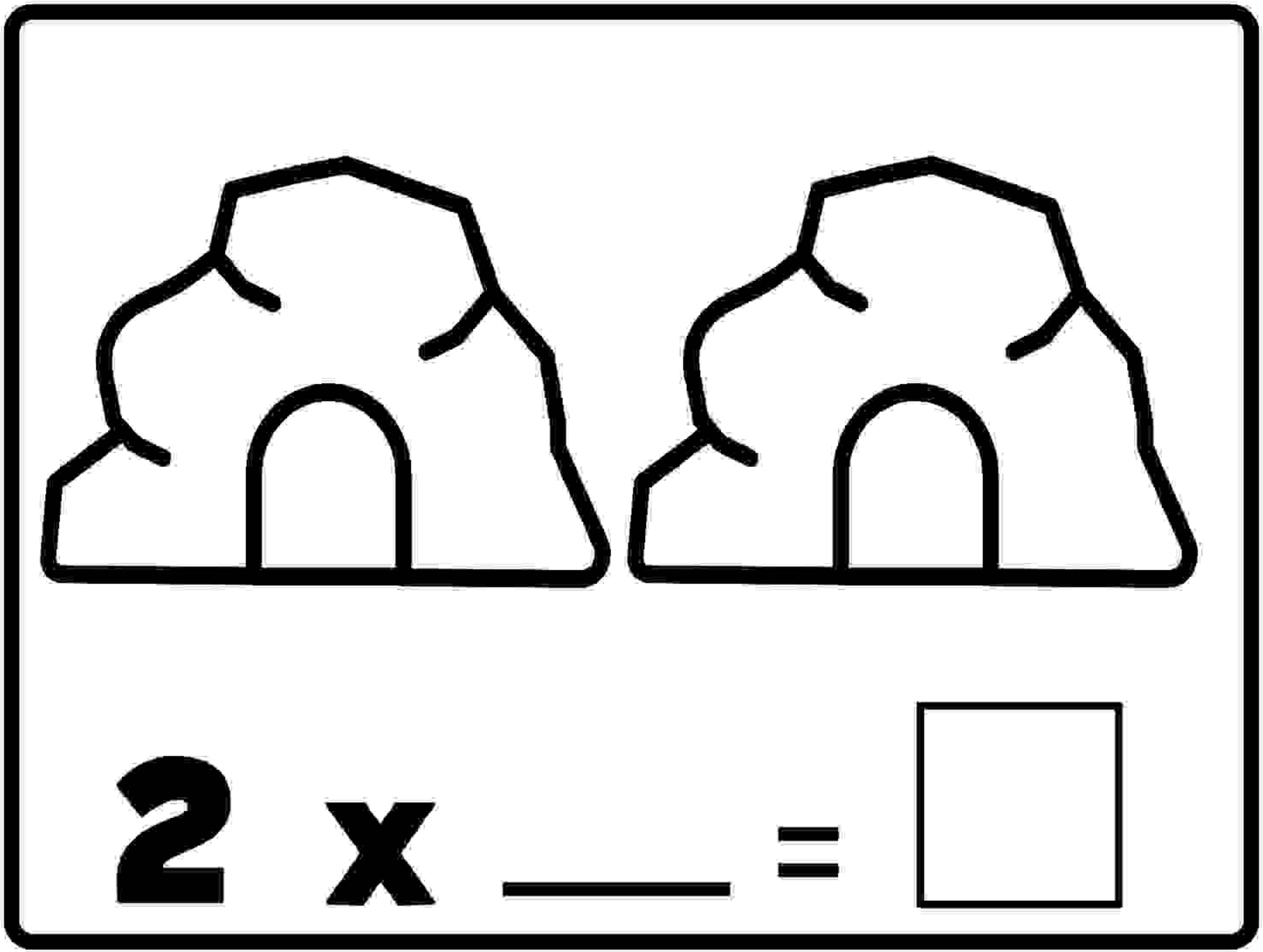
Bear Counters







2 x ___ = □

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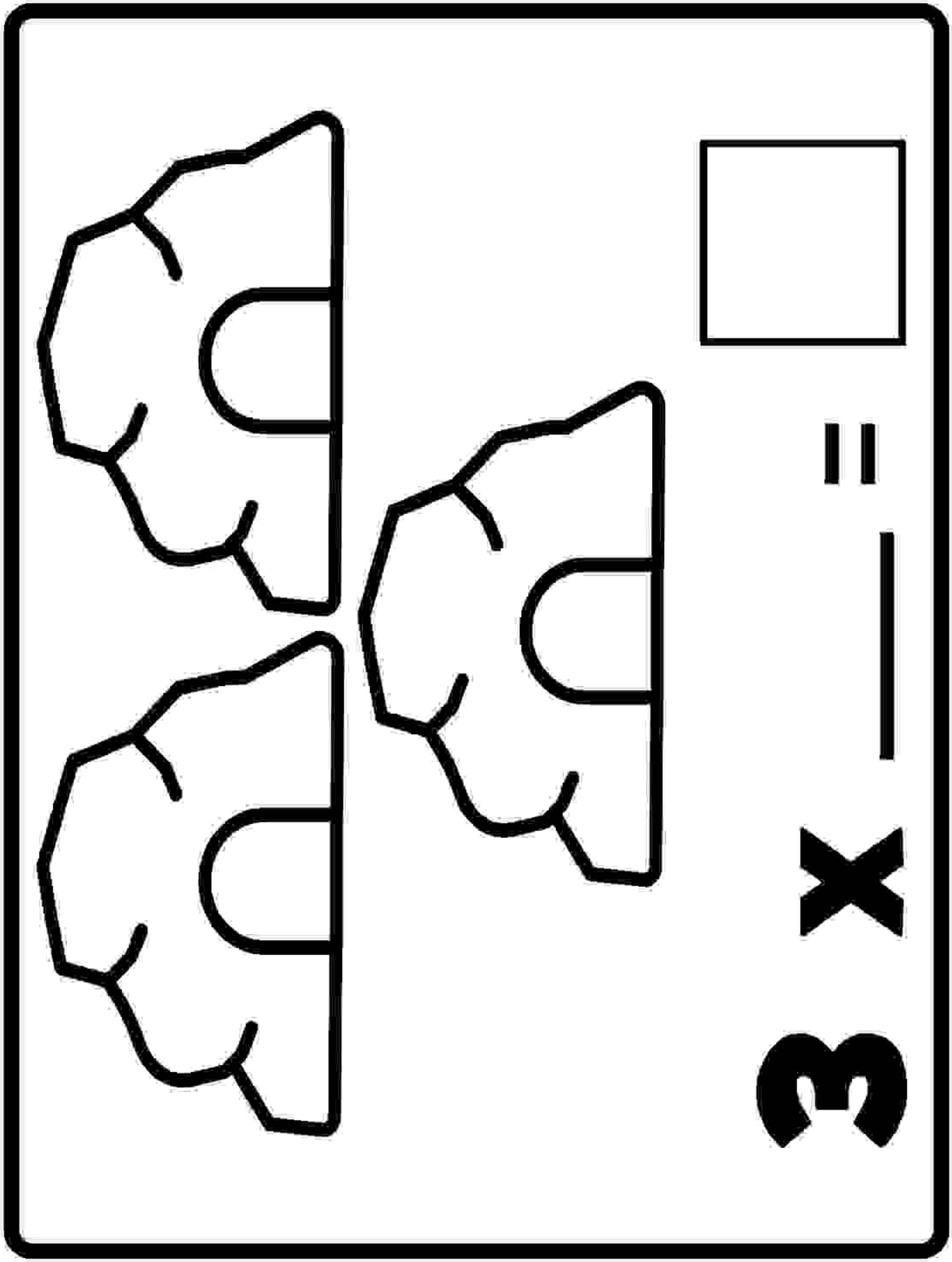
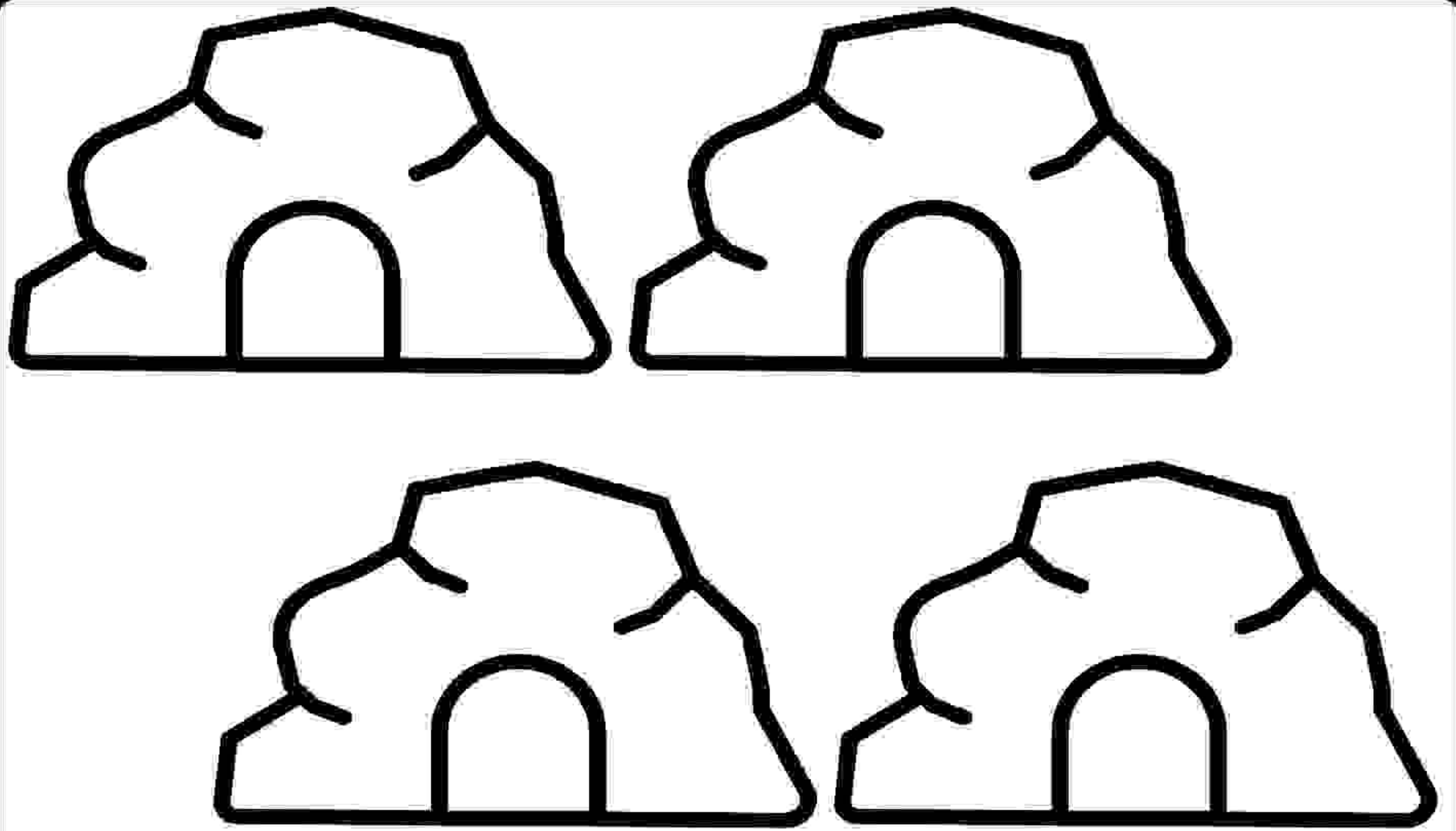
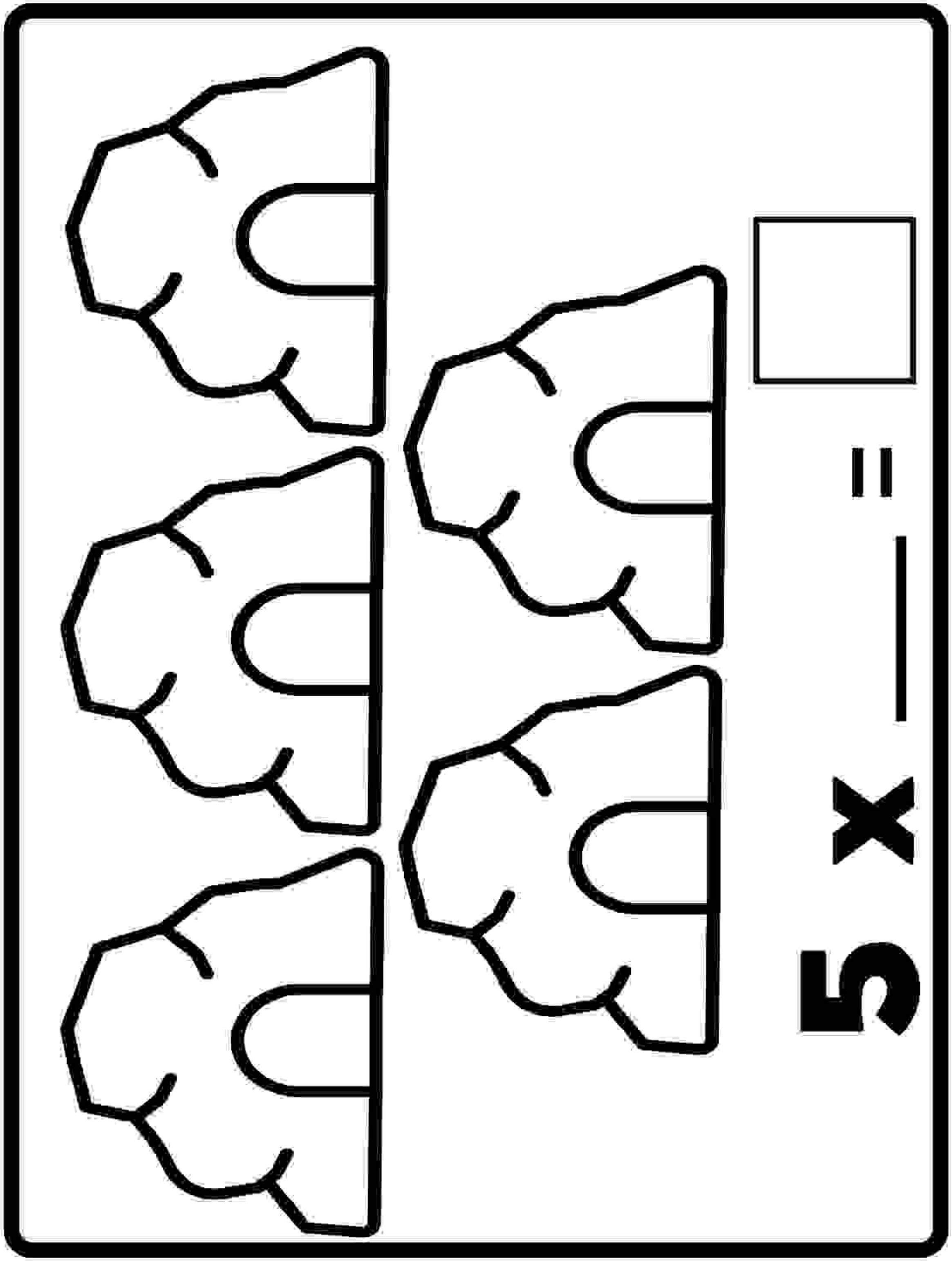
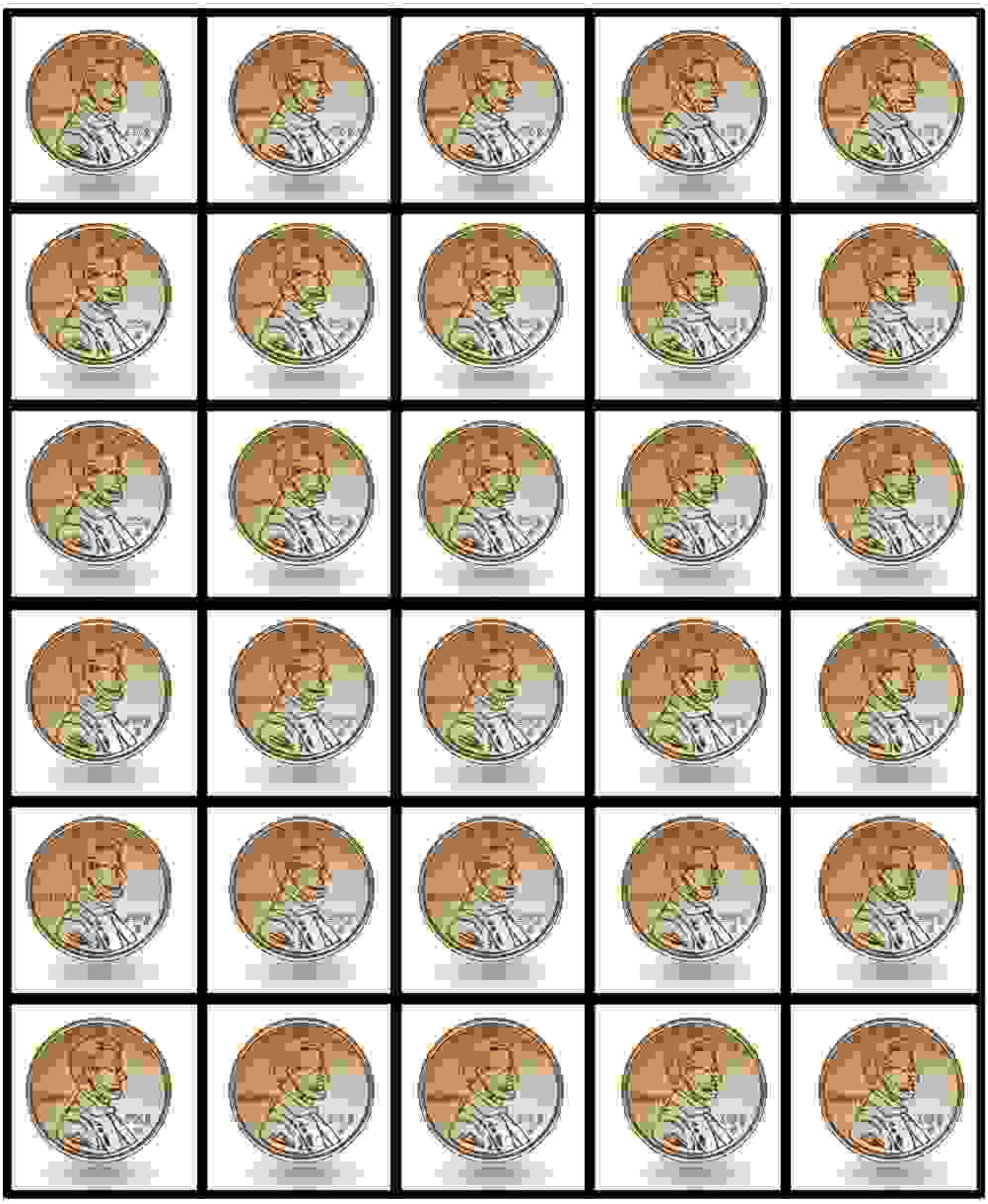

11
x
3

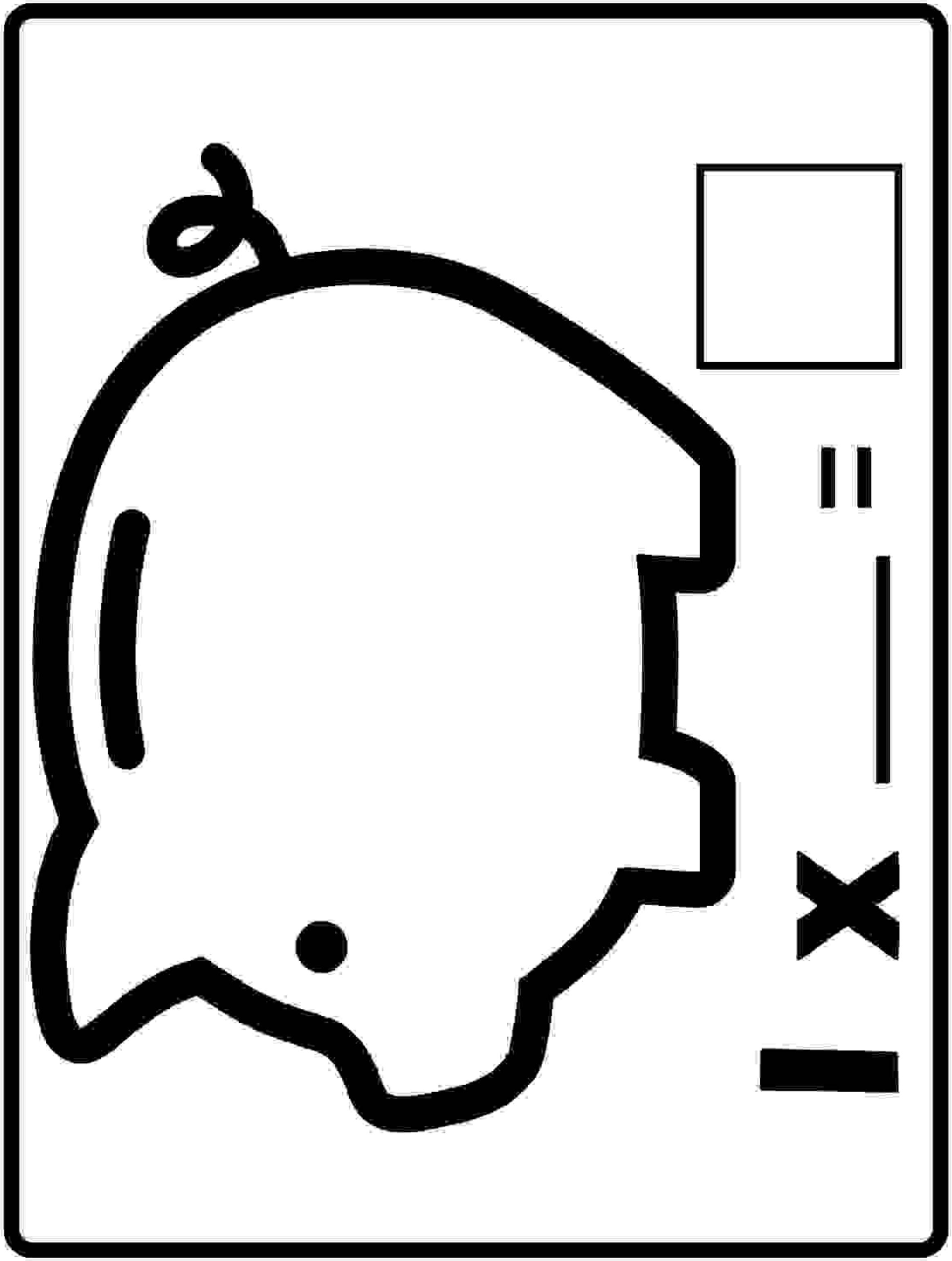


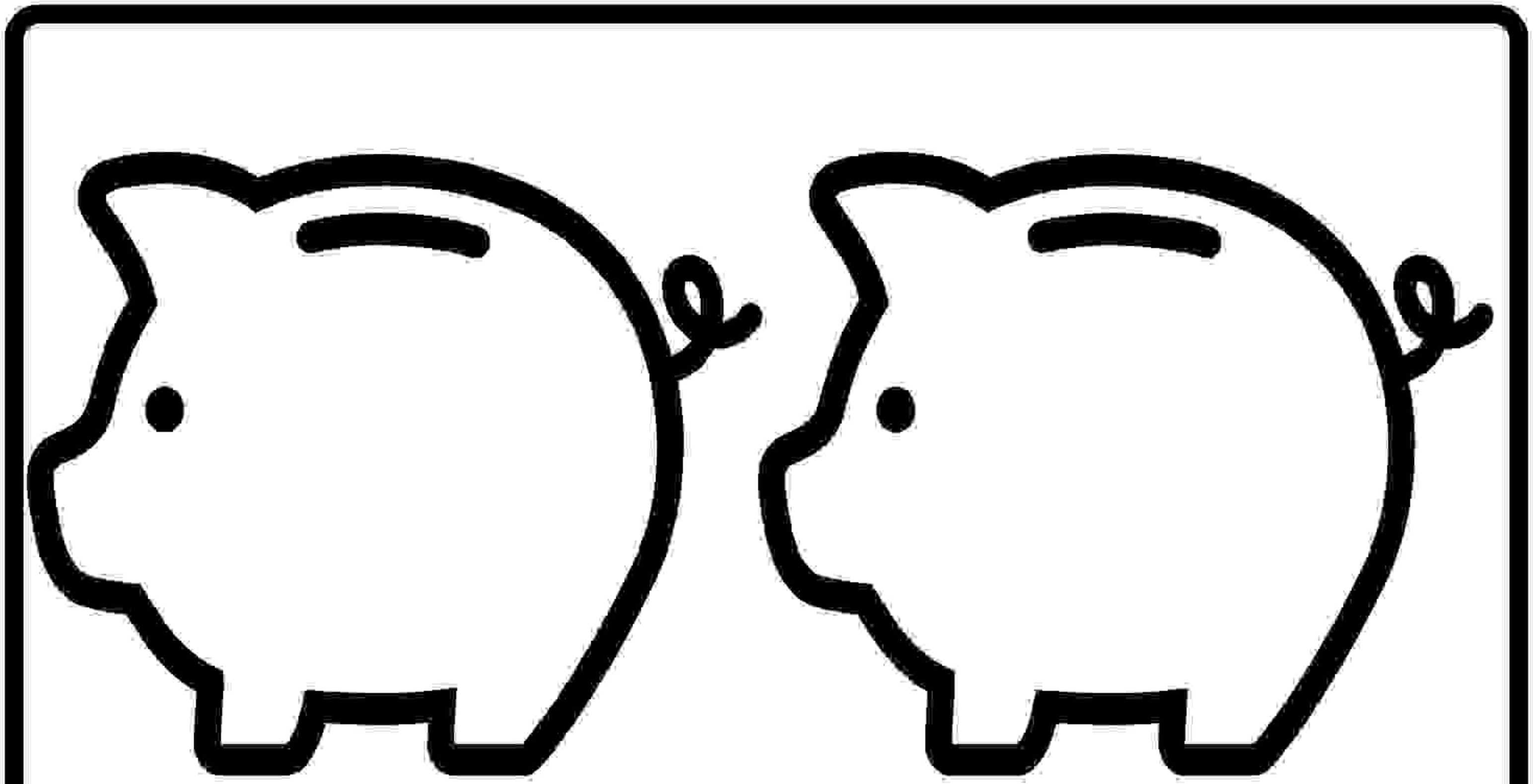
4 x ____ = □


11
− 6
5

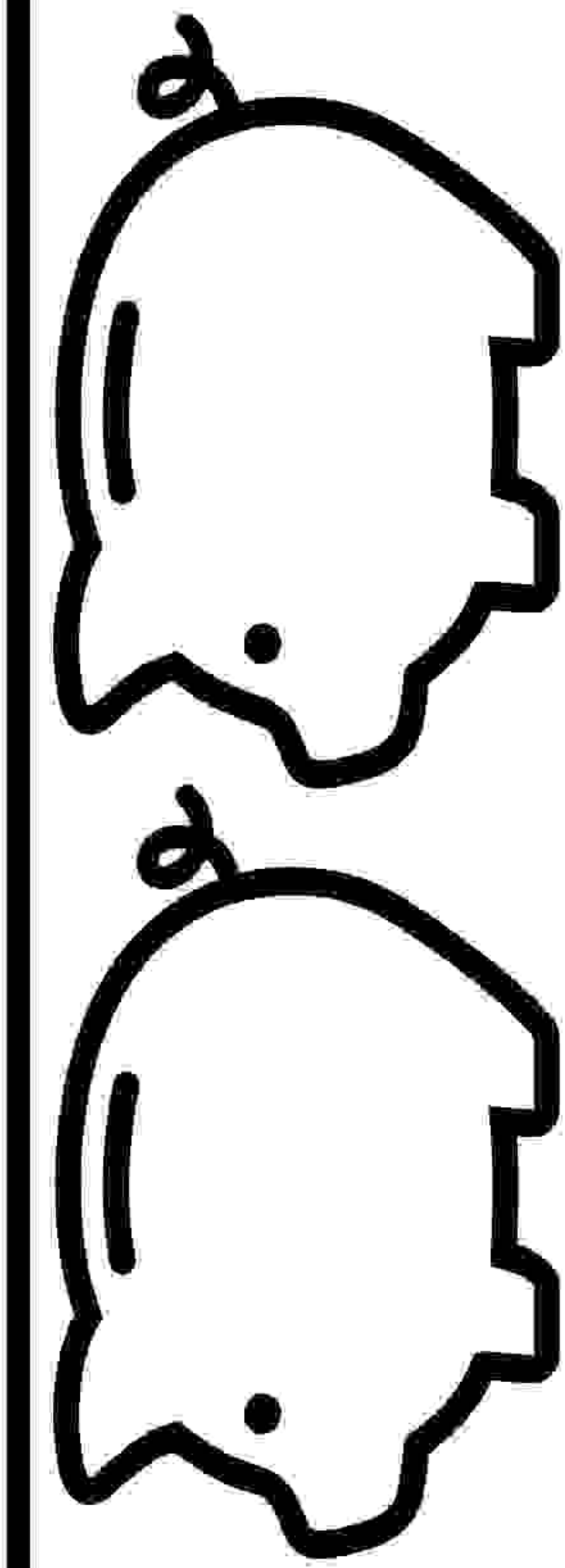
PENNY COUNTERS

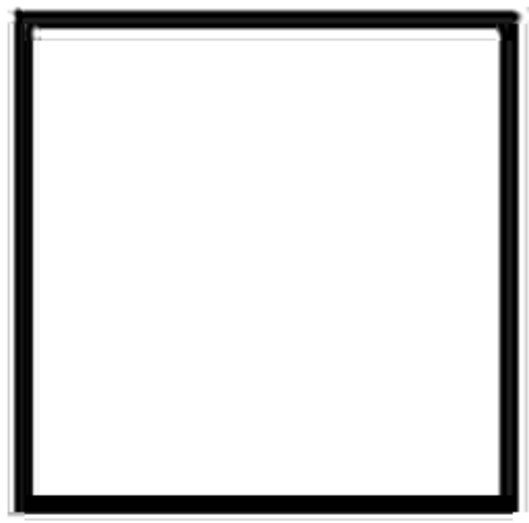


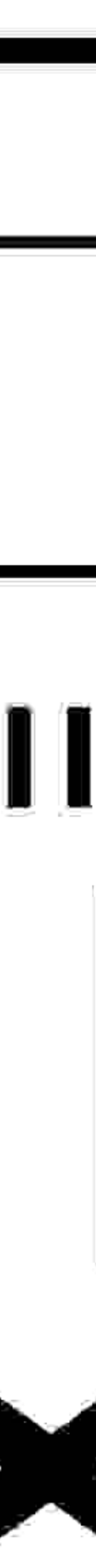


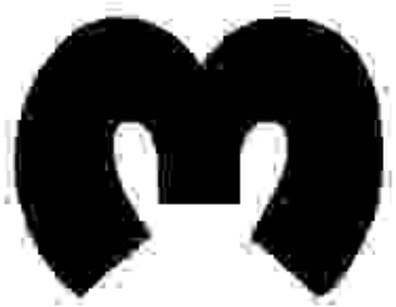


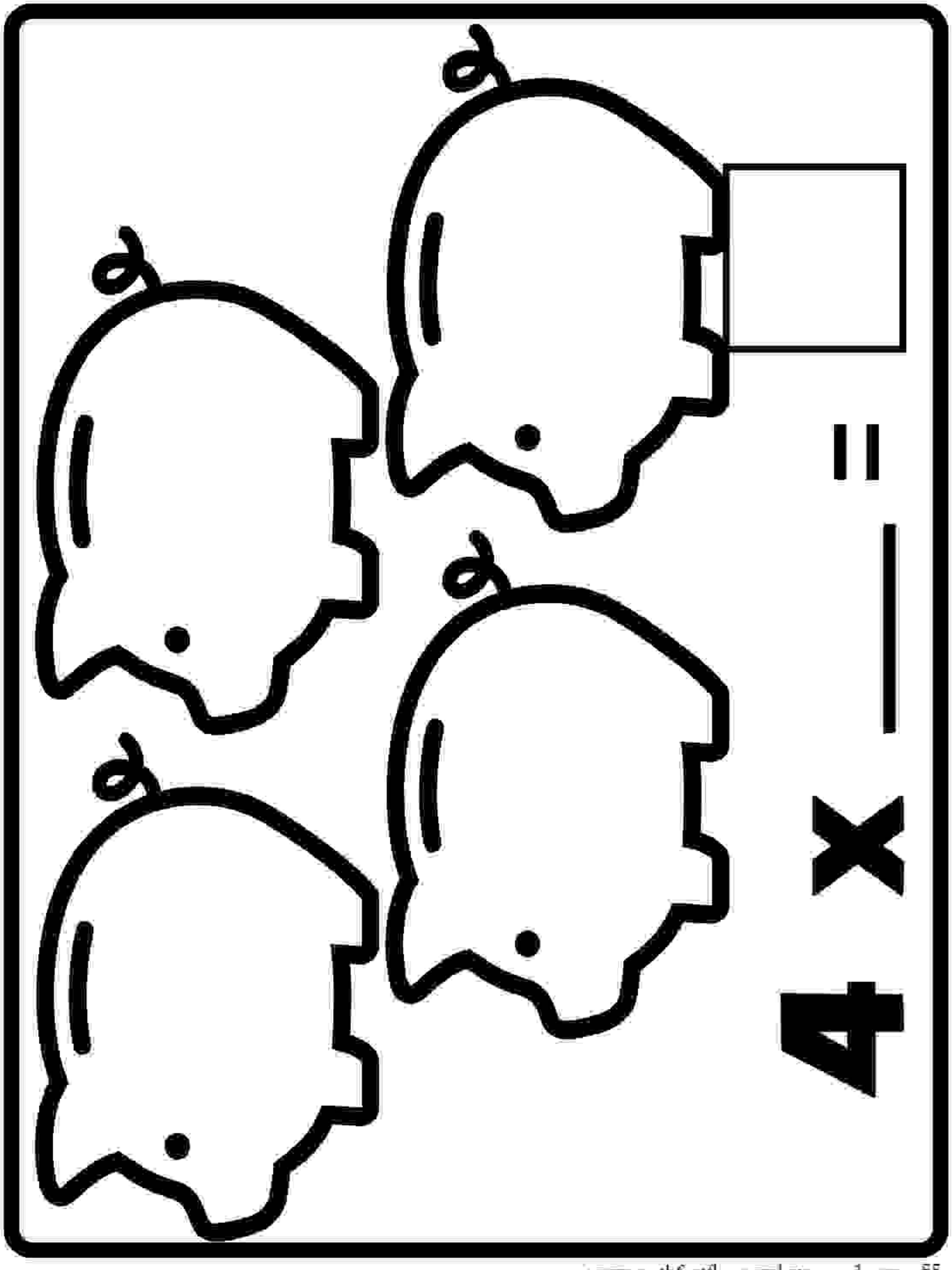
2 x ___ = □

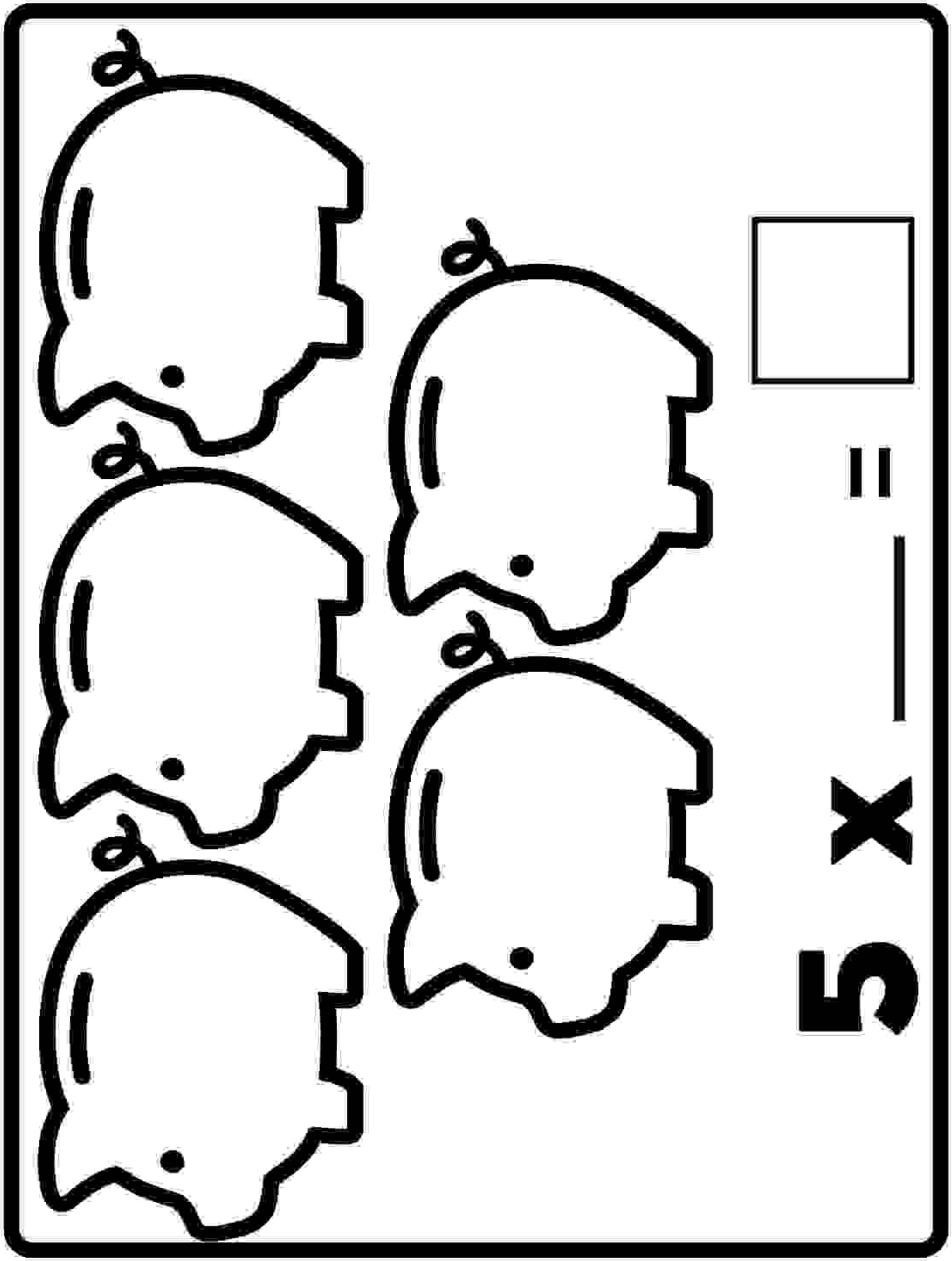




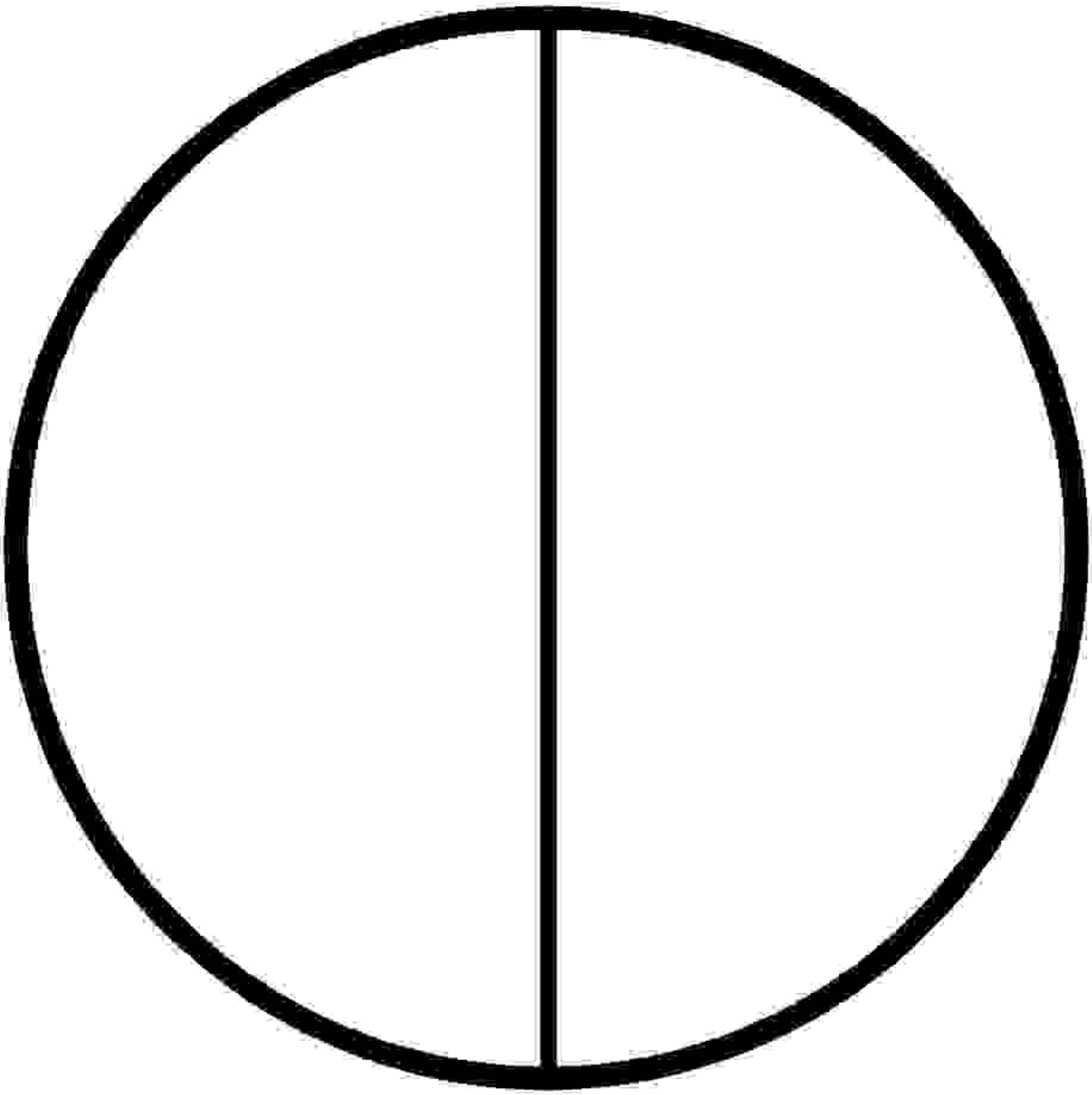








SPINNER



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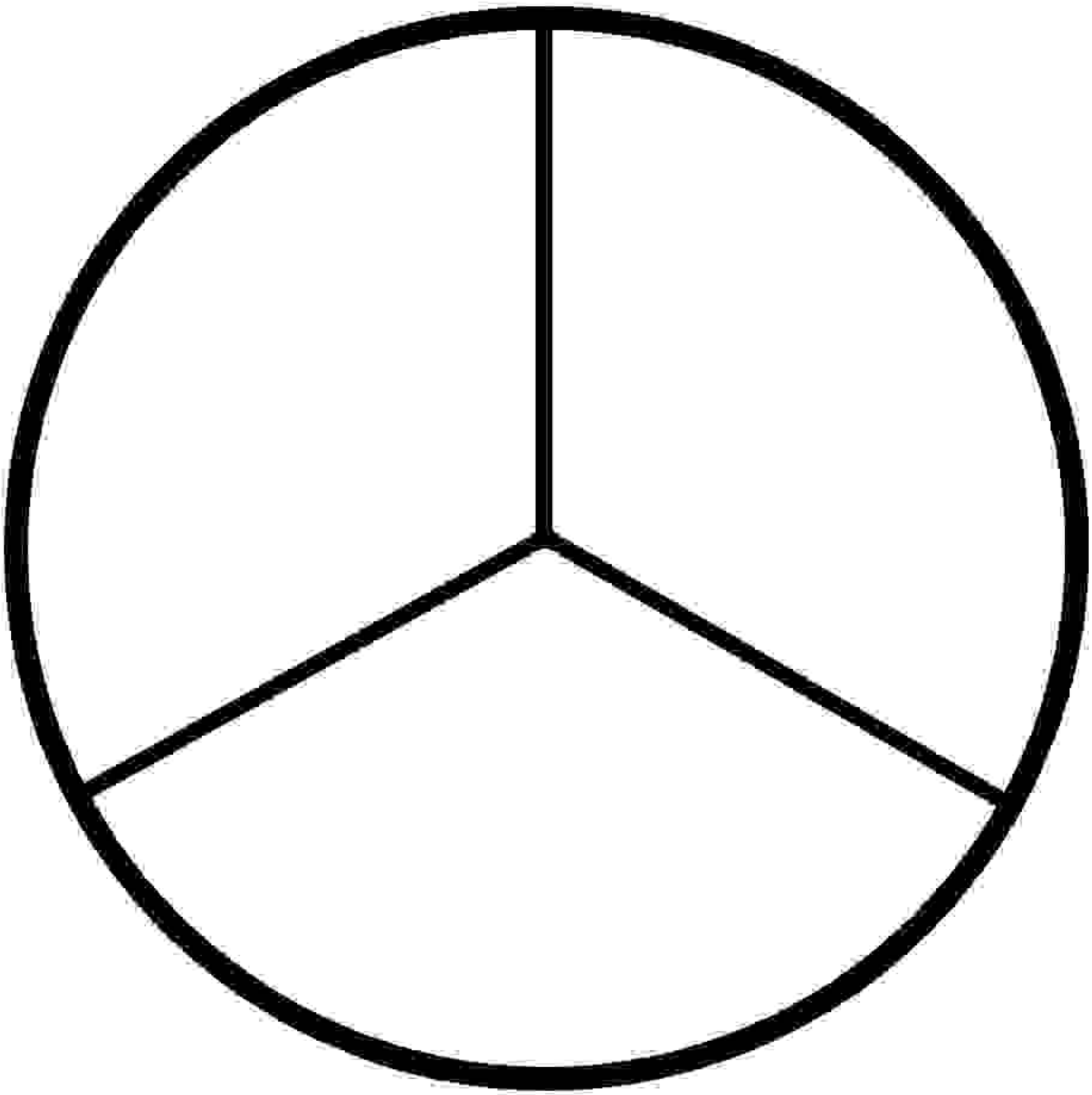

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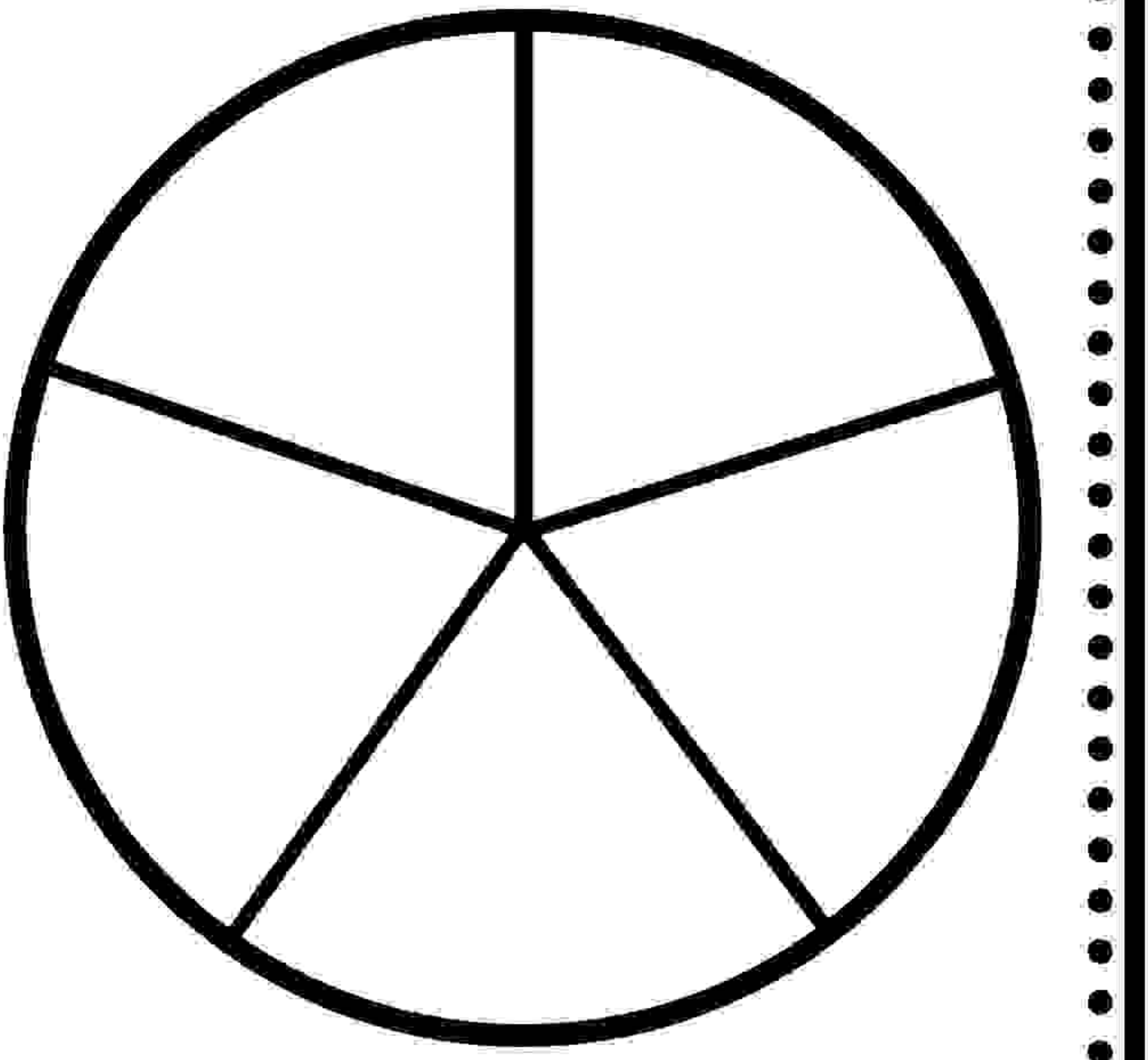

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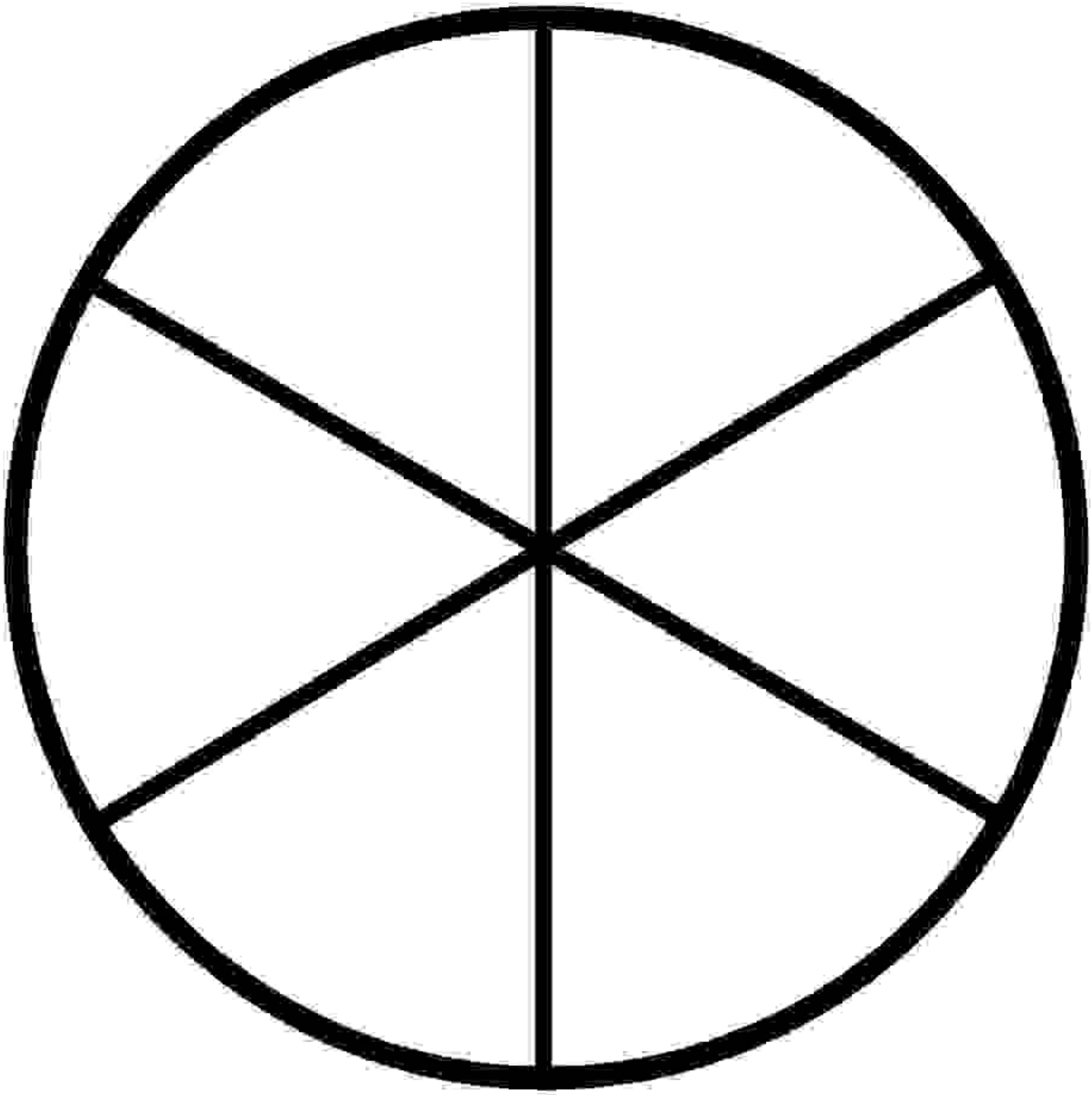
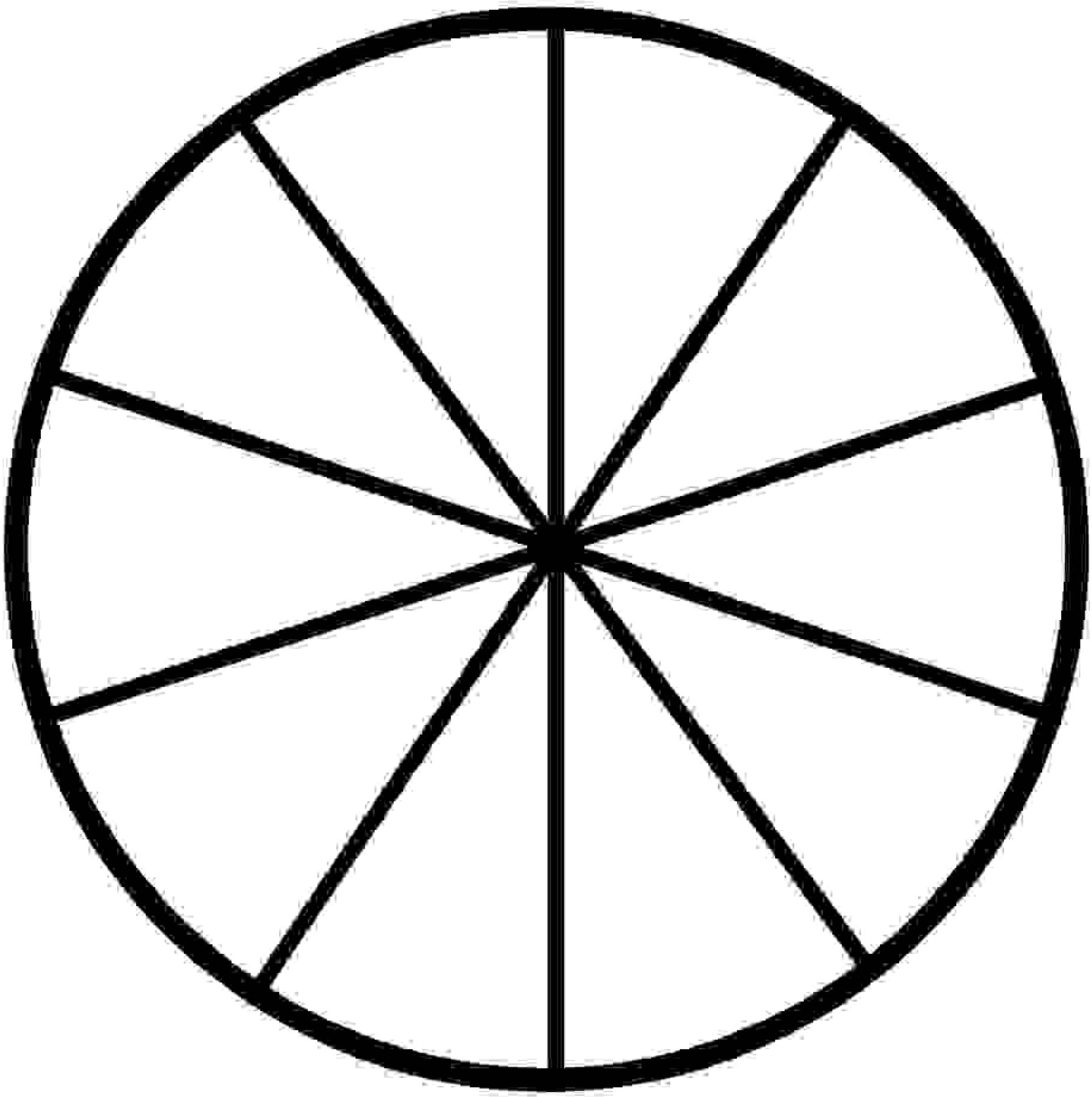
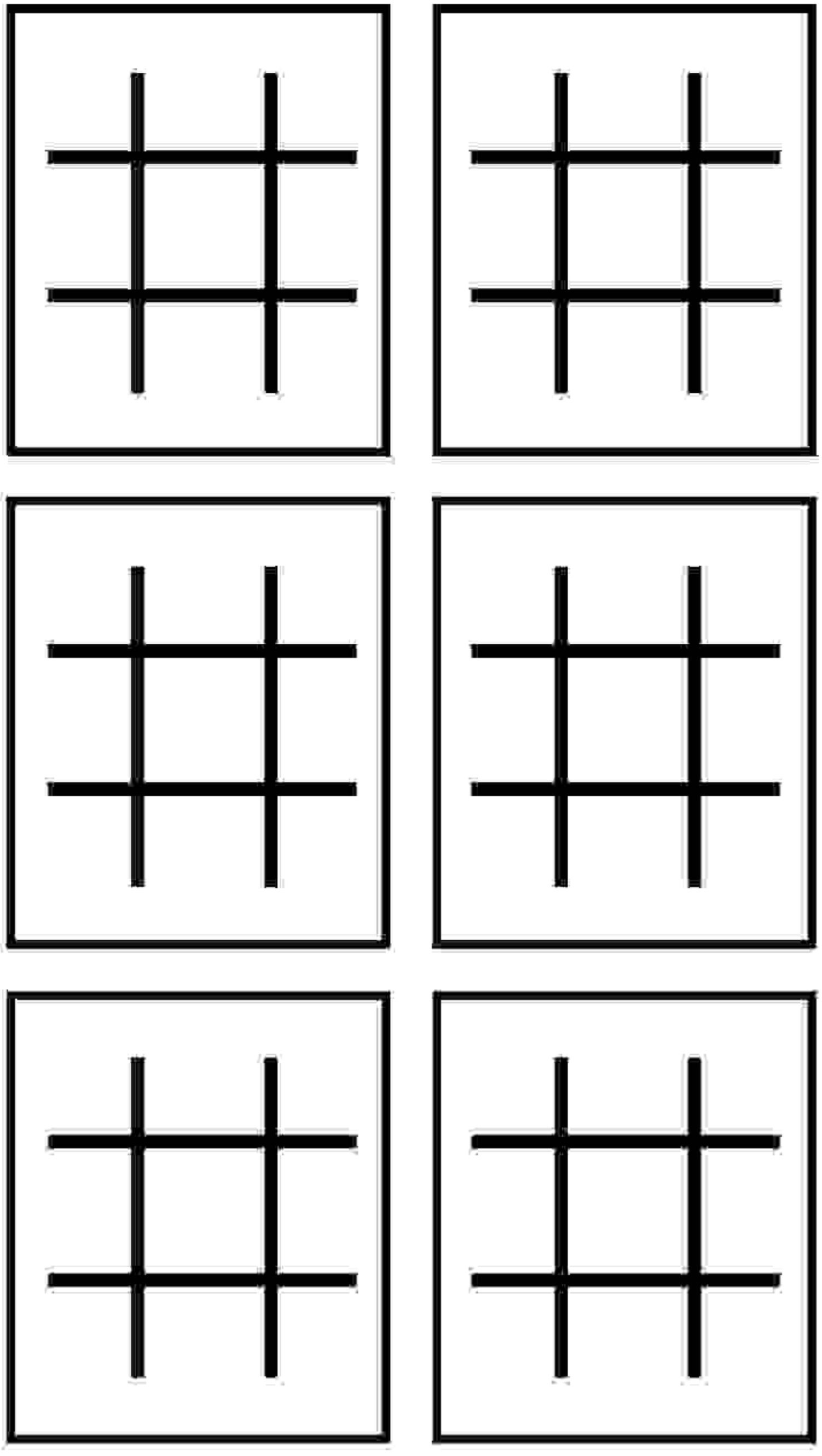


SPINNER



Tic Tac Toe



MULTIPLYING BY 2
MULTIPLICATION BOARD GAME

Instructions: Roll the dice. Move and solve the problem. Whoever reaches the end first wins!

8 x 10	1 x 10	10 x 2		10 x 1	2 x 10	9 x 10			
10 x 9		10 x 6		10 x 8		4 x 10			
10 x 10		3 x 10		10 x 10		6 x 10			
10 x 4		5 x 10		10 x 3		3 x 10			
START			10 x 7					7 x 10	FINISH

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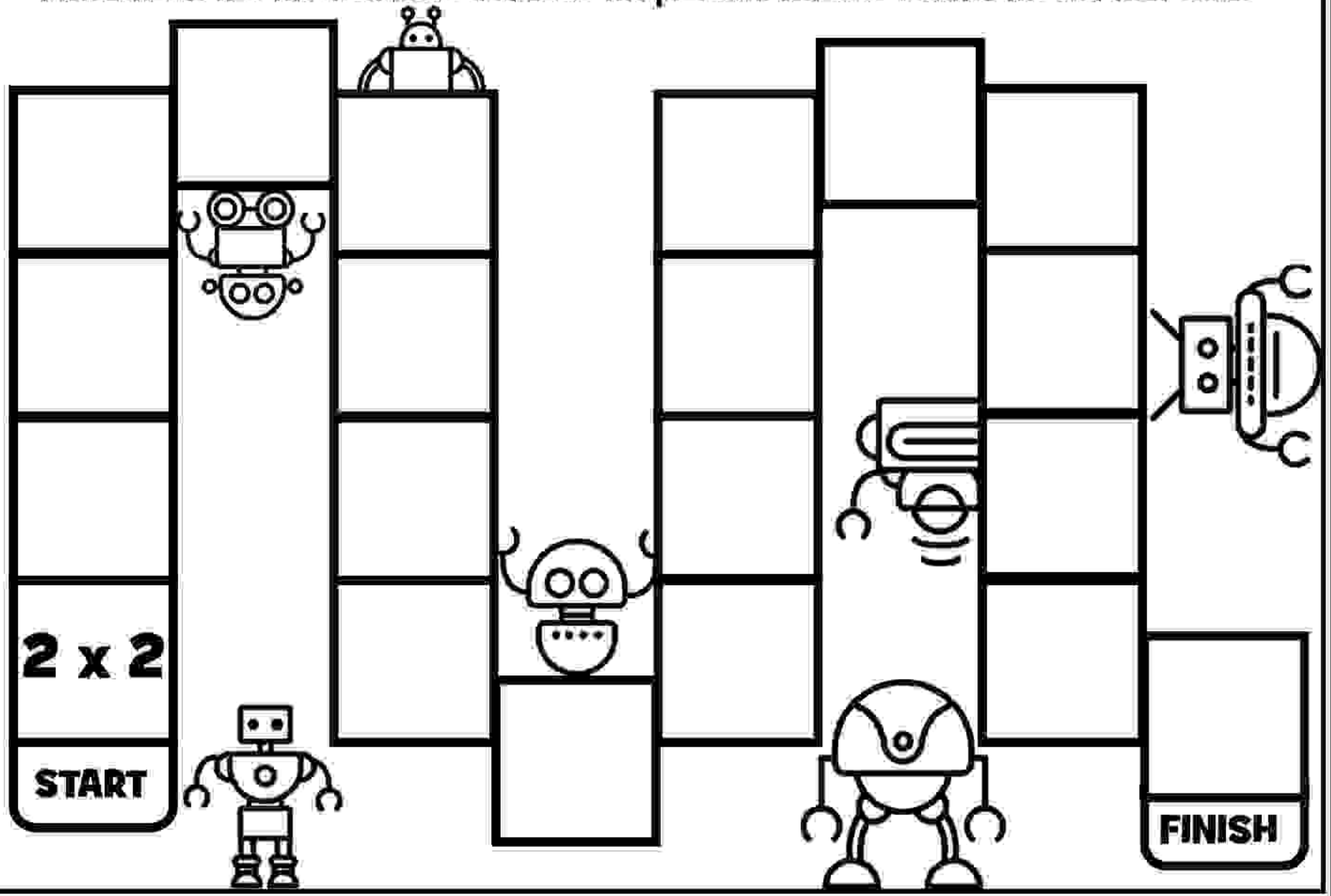
MULTIPLYING BY 2
MULTIPLICATION BOARD GAME

Instructions: Roll the dice. Move and solve the problem. Whoever reaches the end first wins!



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Multiples of 2

2 4 6 8 10 12 14 16 18 20

Skip Counting

2	4	6	8	10	12	14	16	18	20

3	6	9	12	15	18	21	24	27	30

5	10	15	20	25	30	35	40	45	50

10	20	30	40	50	60	70	80	90	100

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Skip Counting by 2's

2	4	6	8	10	12	14	16	18	20

2	4	6	8	10	12	14	16	18	20

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Skip Counting

2	4	6	8	10	12	14	16	18	20

3	6	9	12	15	18	21	24	27	30

5	10	15	20	25	30	35	40	45	50

10	20	30	40	50	60	70	80	90	100

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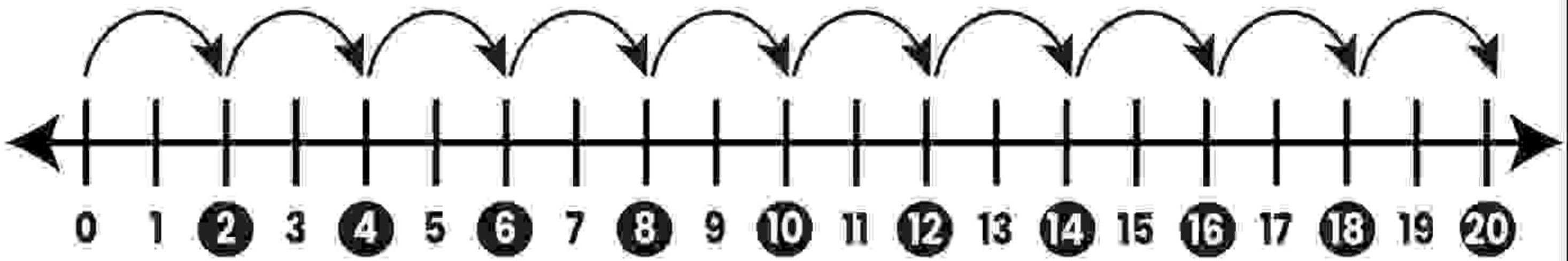
SKIP COUNTING BY 2



Jump every 2nd number.

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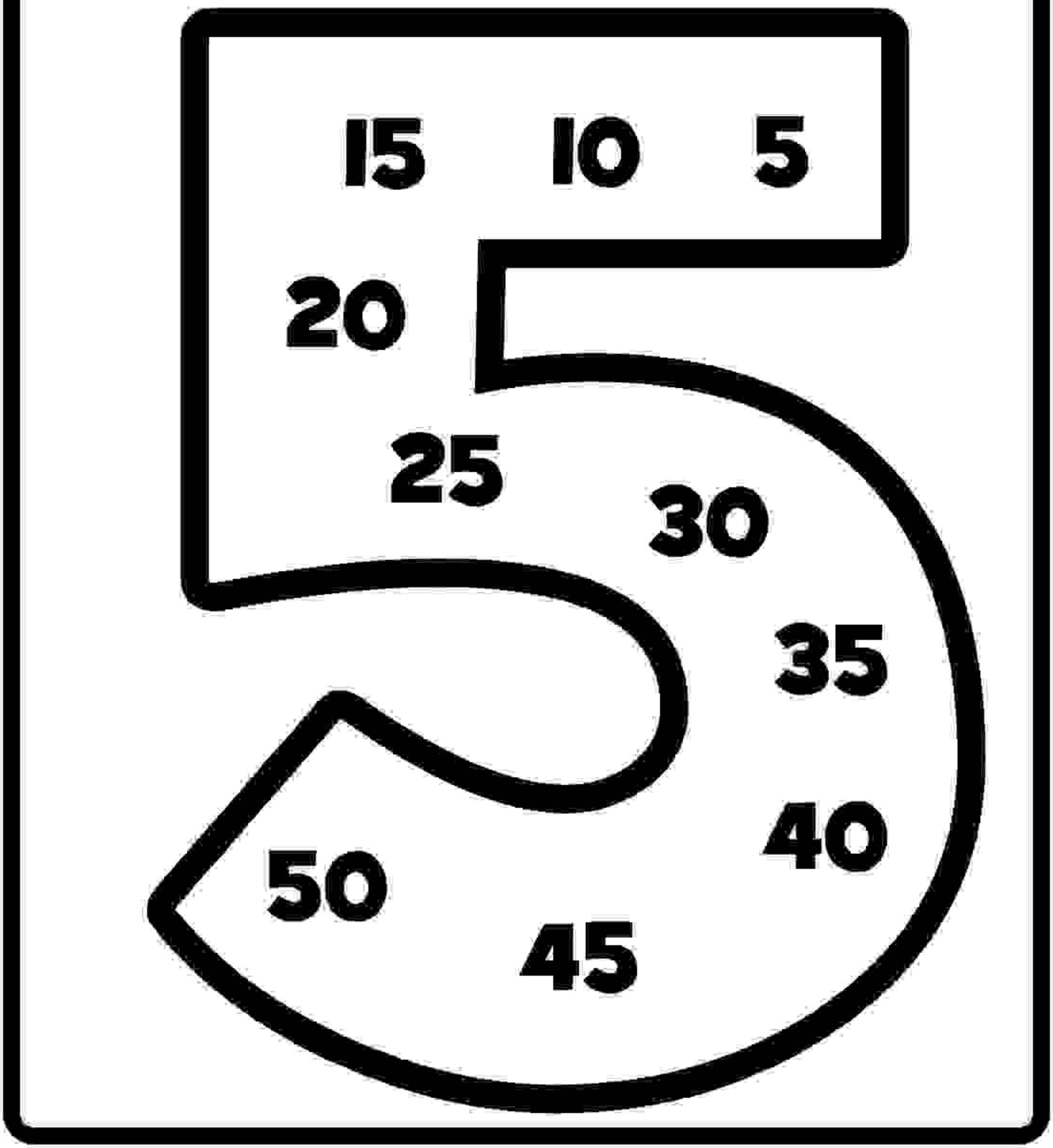
Multiples of 5



SKIP COUNTING BY 5

5	10	15	20	25
30	35	40	45	50
55	60	65	70	75
80	85	90	95	100

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Skip Counting By 5

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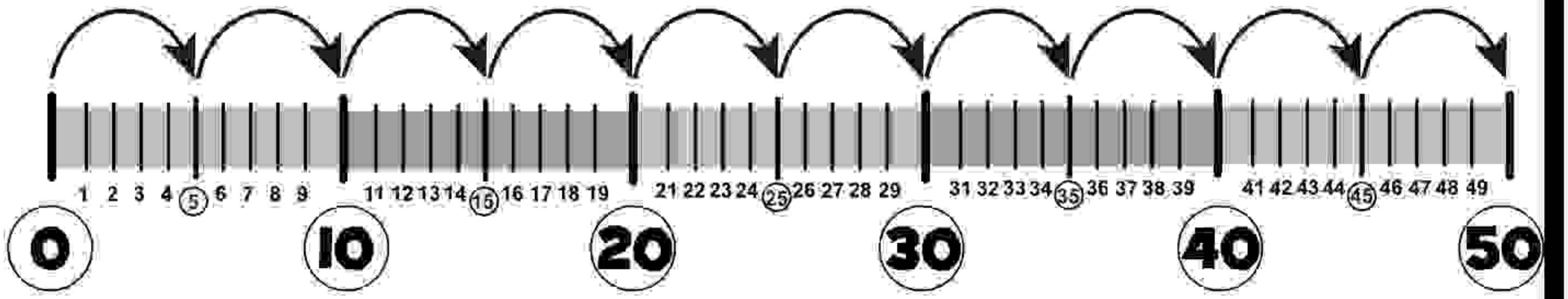
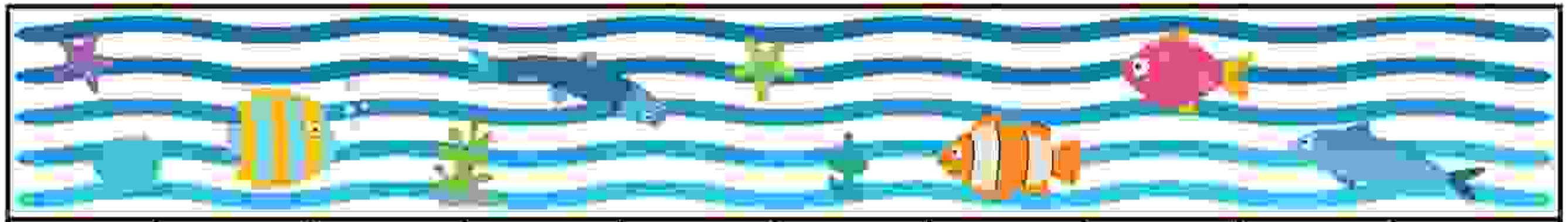
SKIP COUNTING BY 5



Skip Counting by 5's



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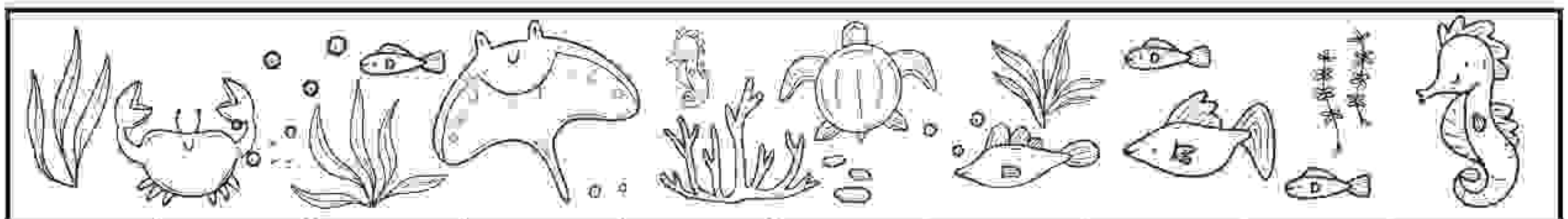

5	10	15	20	25	30	35	40	45	50

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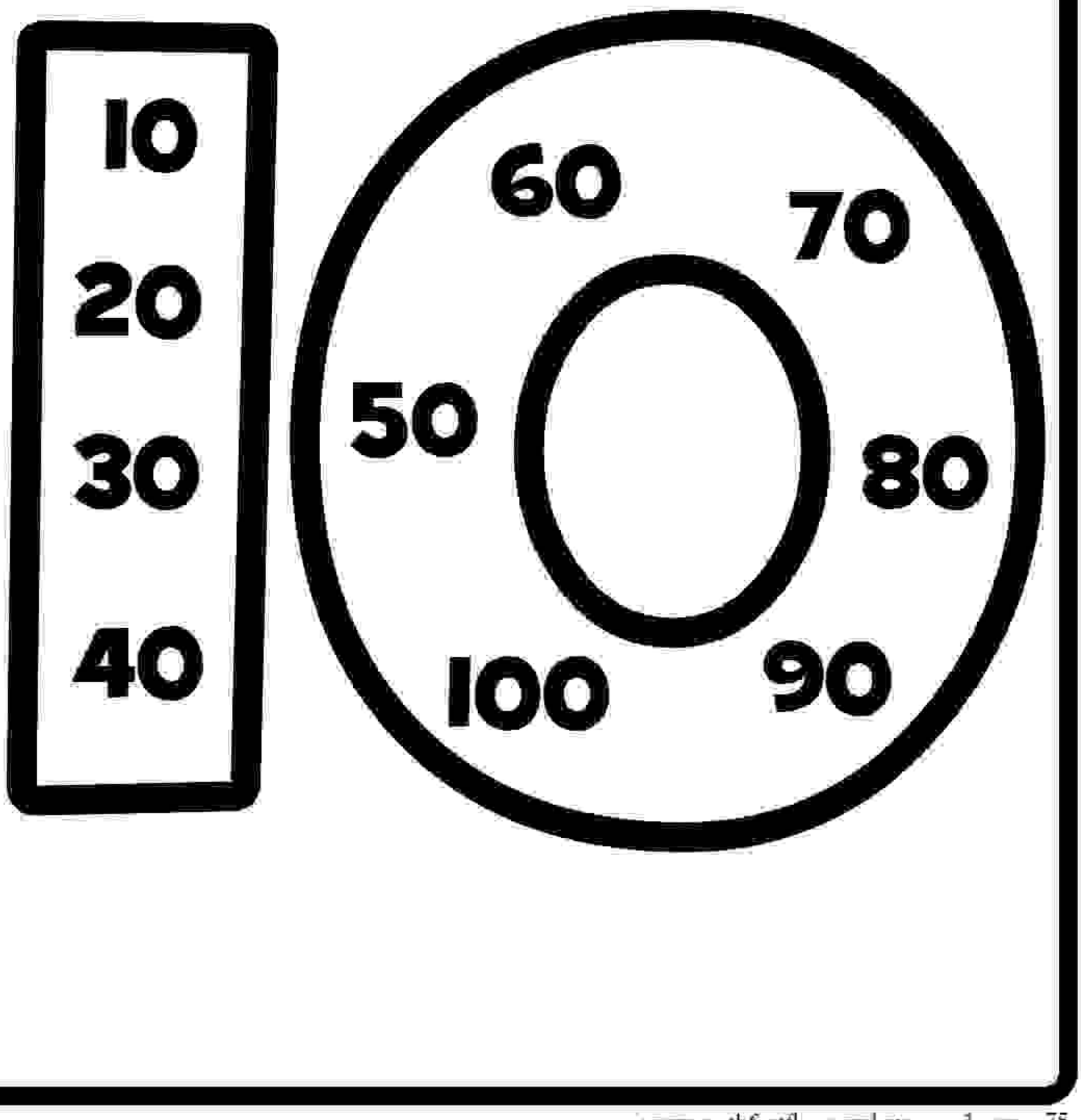
Multiples of 10



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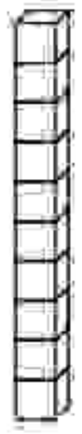
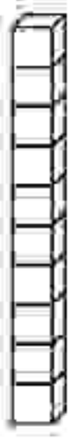
10 

20 

30

40

50

60

70

80

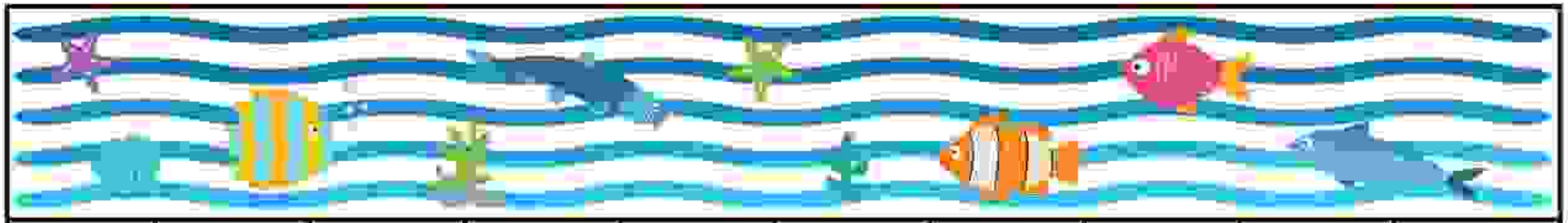
90

100

I CAN SKIP COUNT BY 10s

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Skip Counting by 10's



10	20	30	40	50	60	70	80	90	100

10	20	30	40	50	60	70	80	90	100

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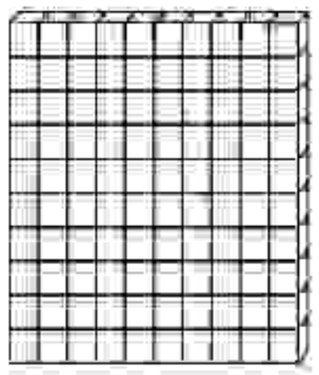
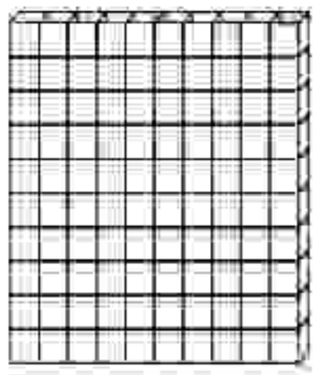
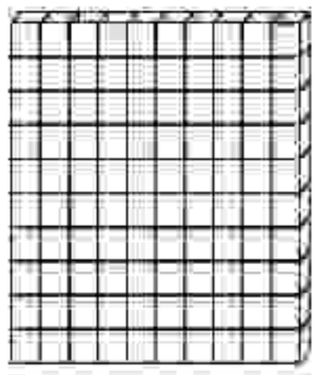
SKIP COUTING BY 10s TO 100

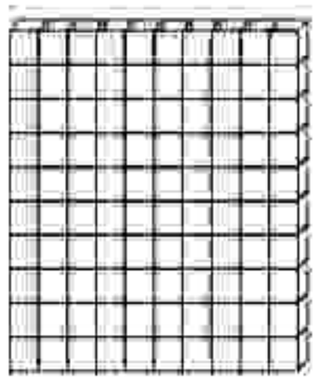
10	ten
20	twenty
30	thirty
40	forty
50	fifty
60	sixty
70	seventy
80	eighty
90	ninety
100	one hundred

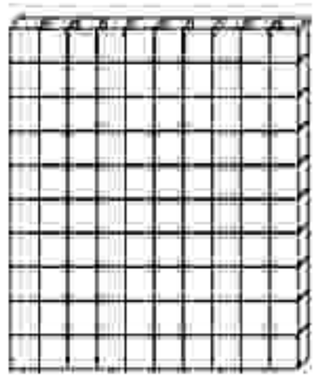
SKIP COUNTING BY 100

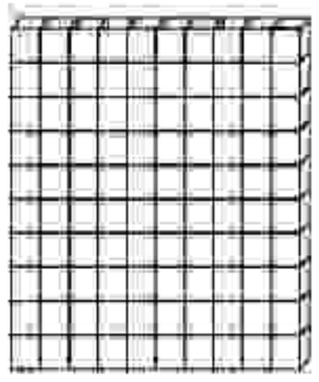
100 

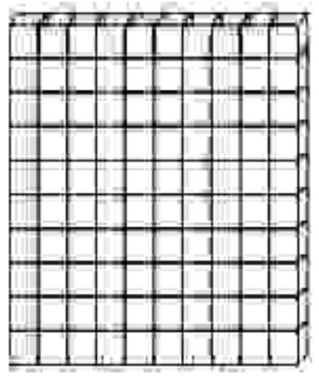
200 

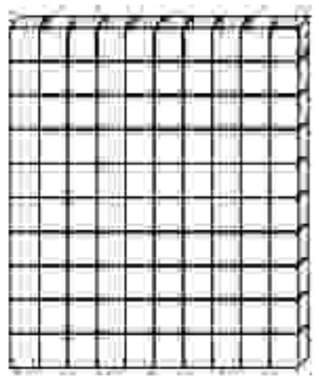
300 

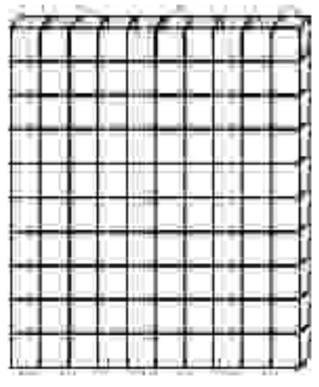
400 

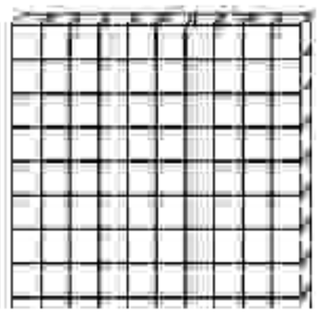
500 

600 

700 

800 

900 

1000 

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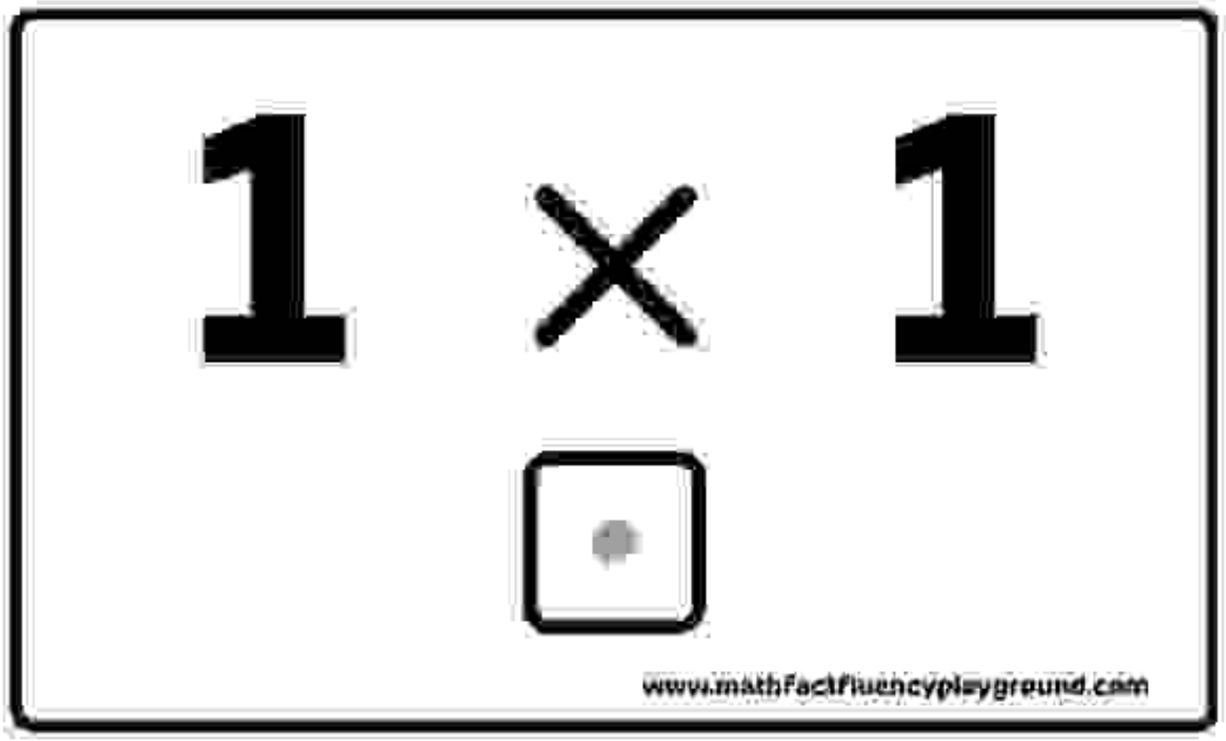
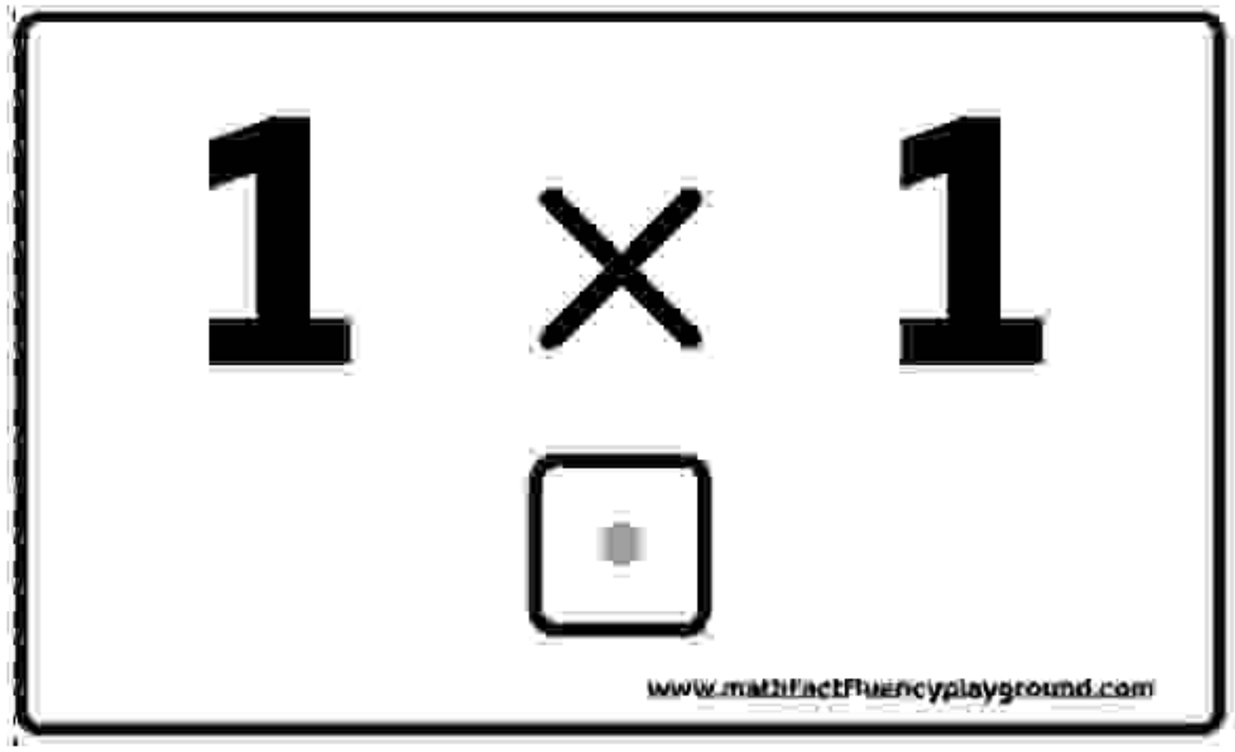
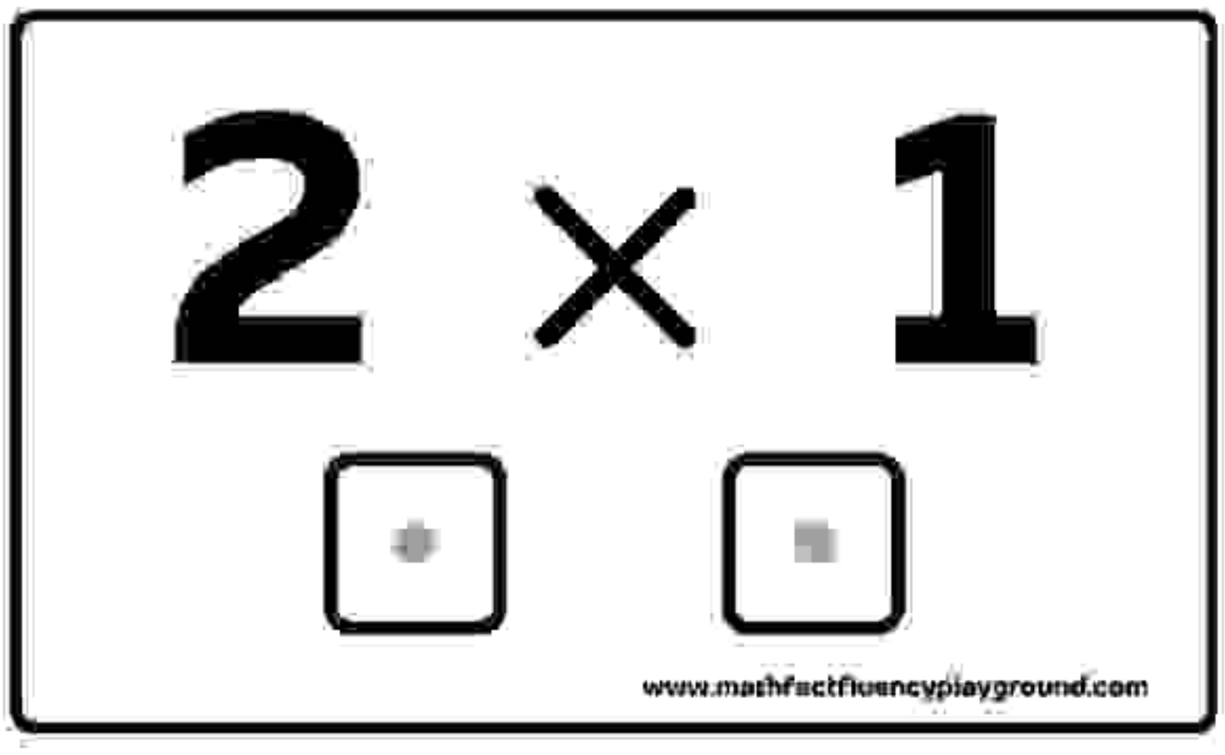
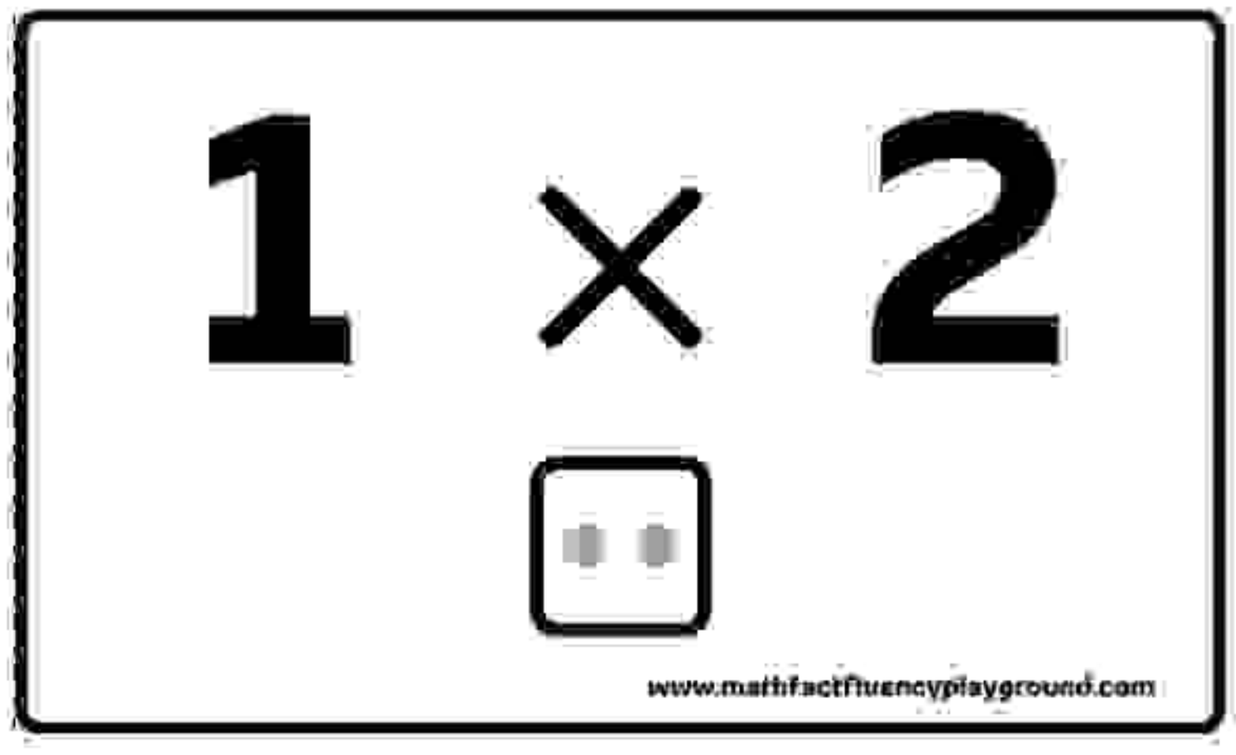
DICE FLASHCARDS









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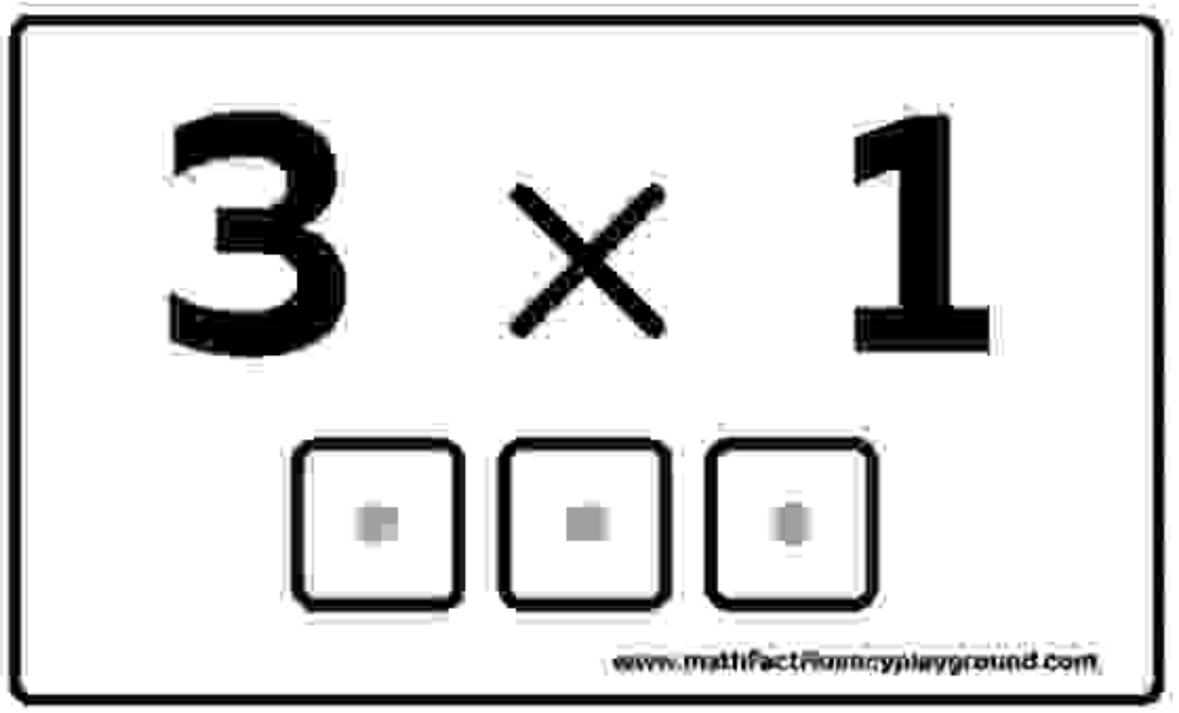

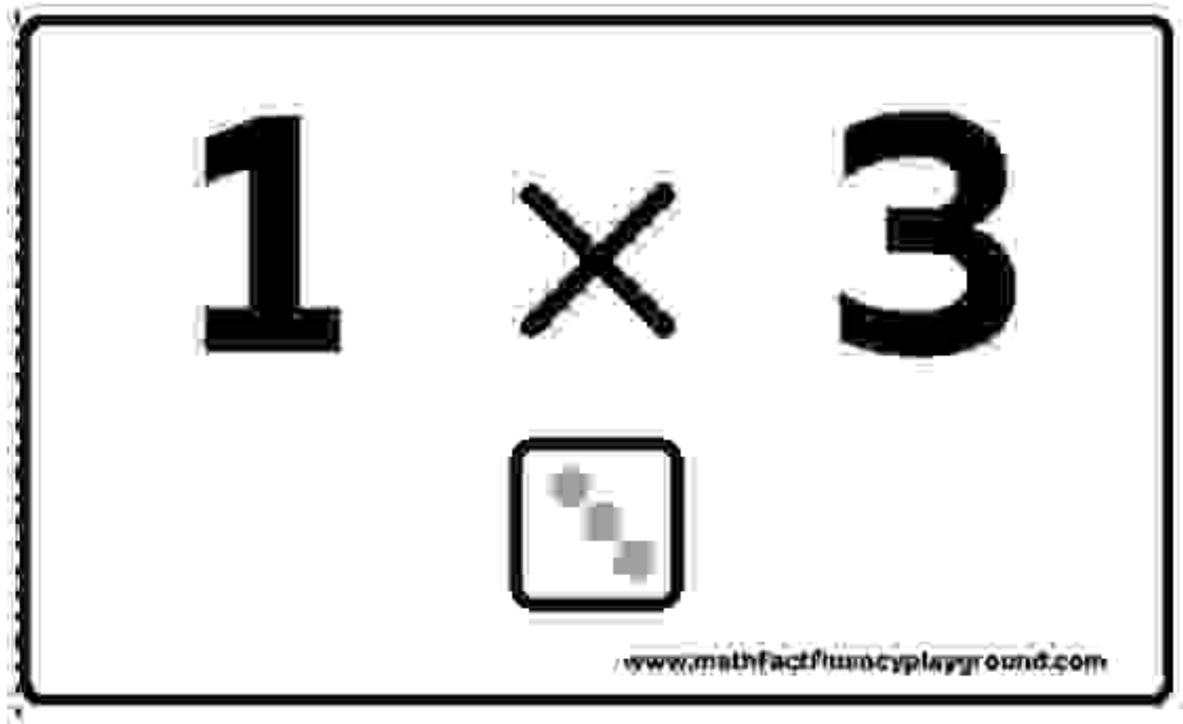

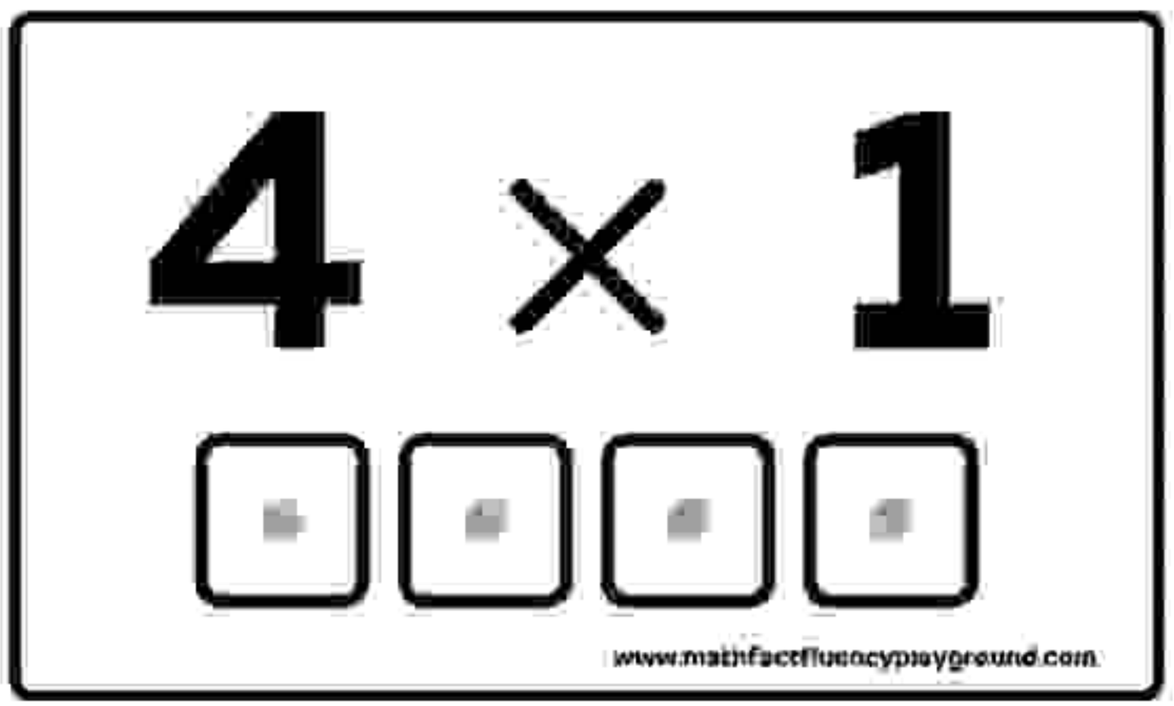

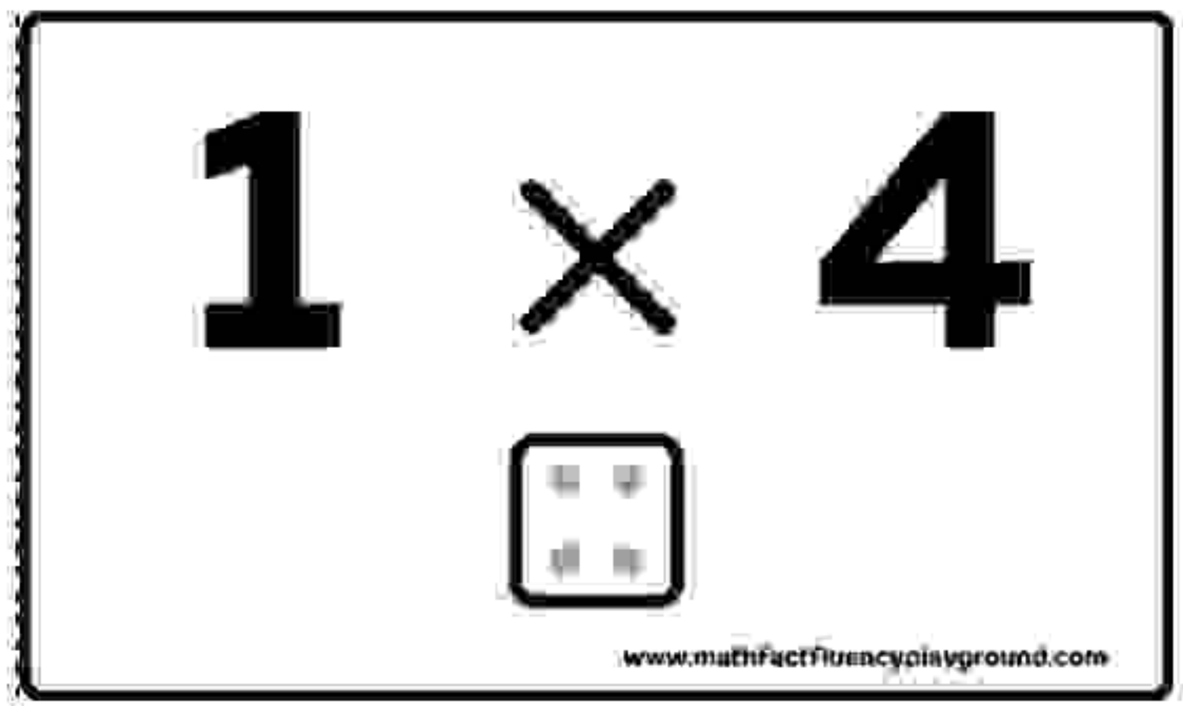

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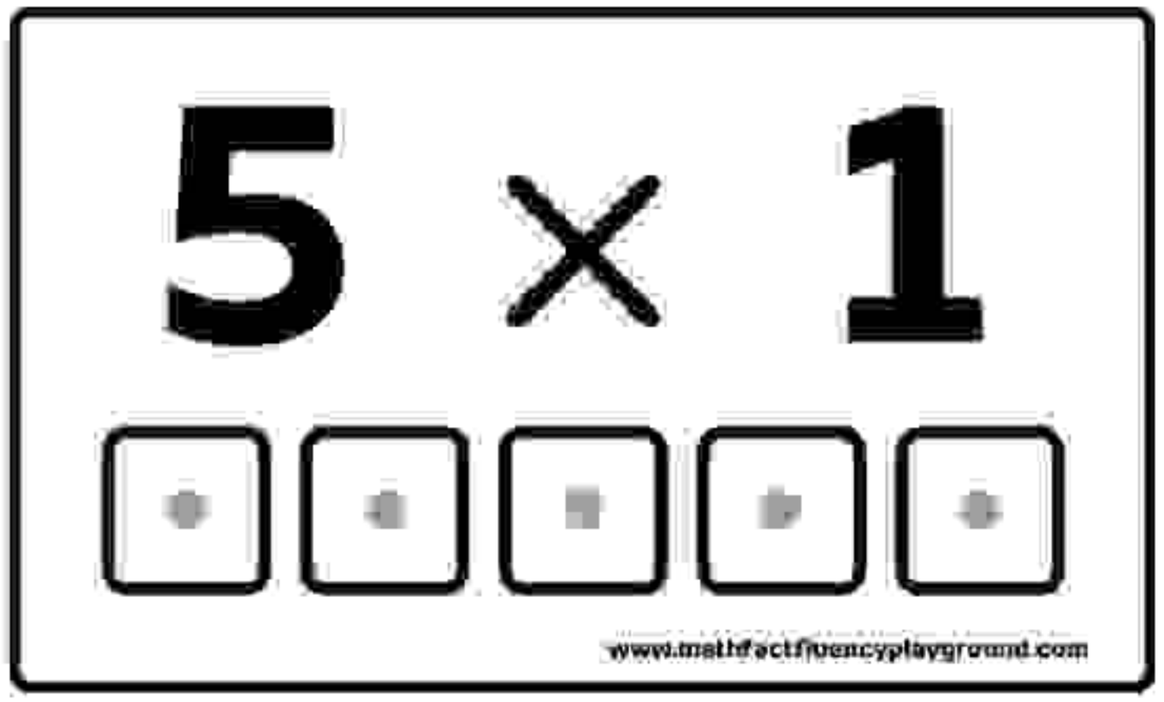

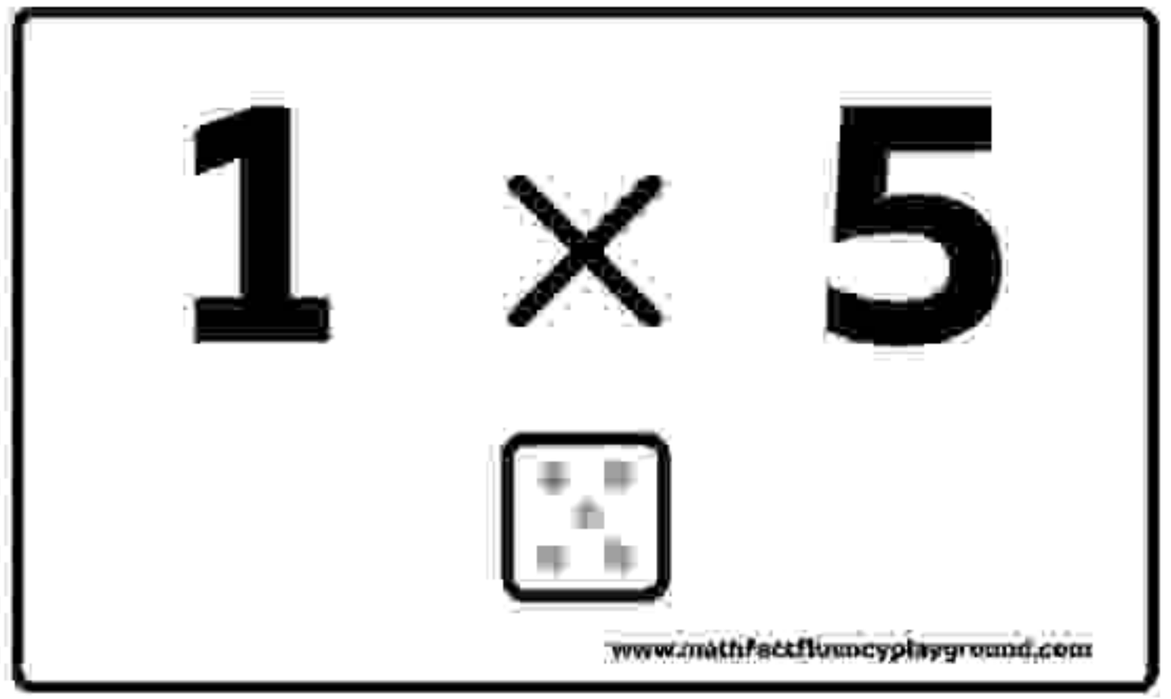

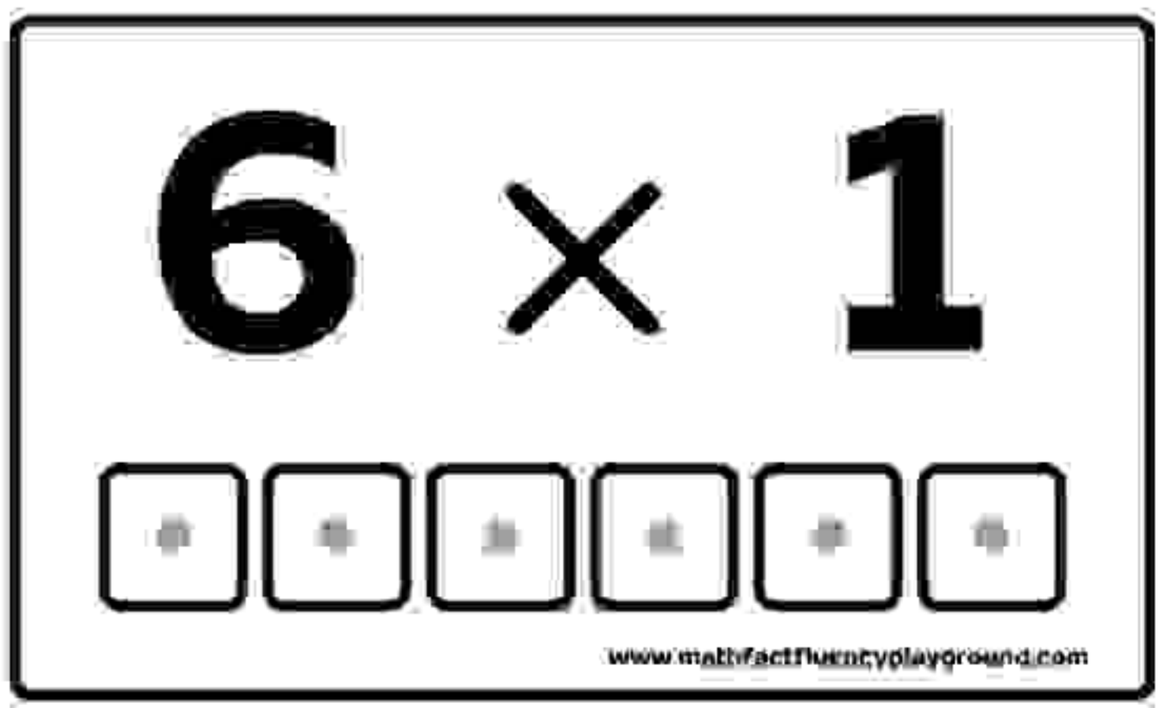

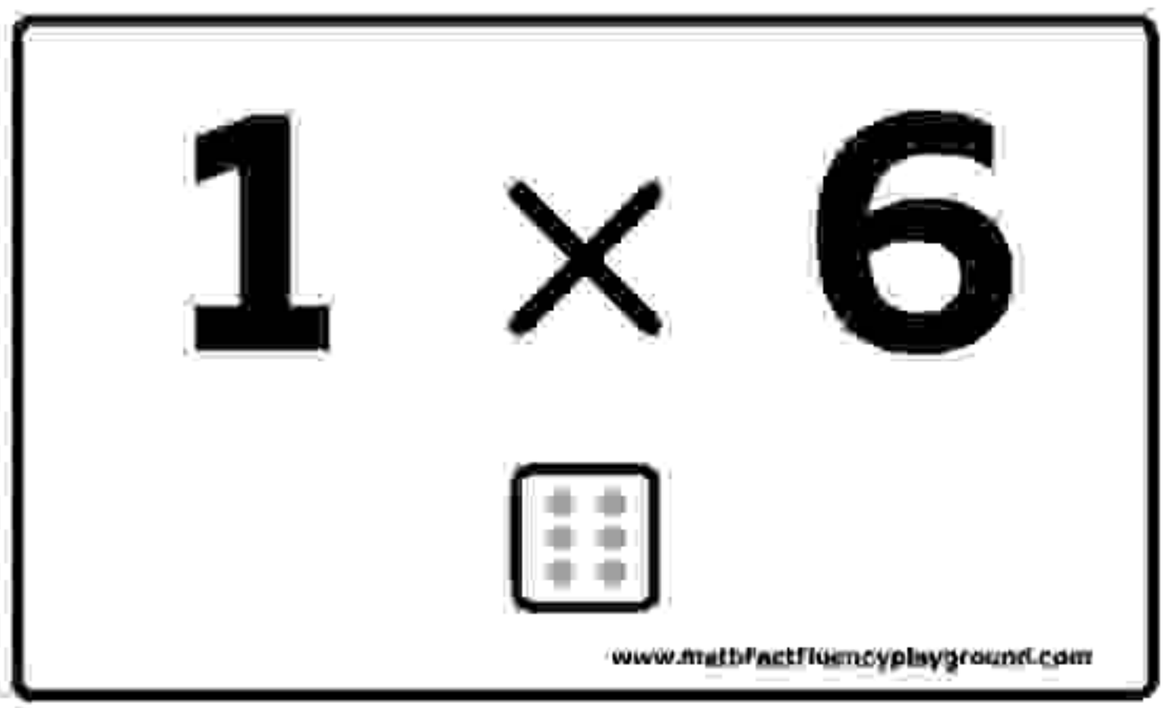

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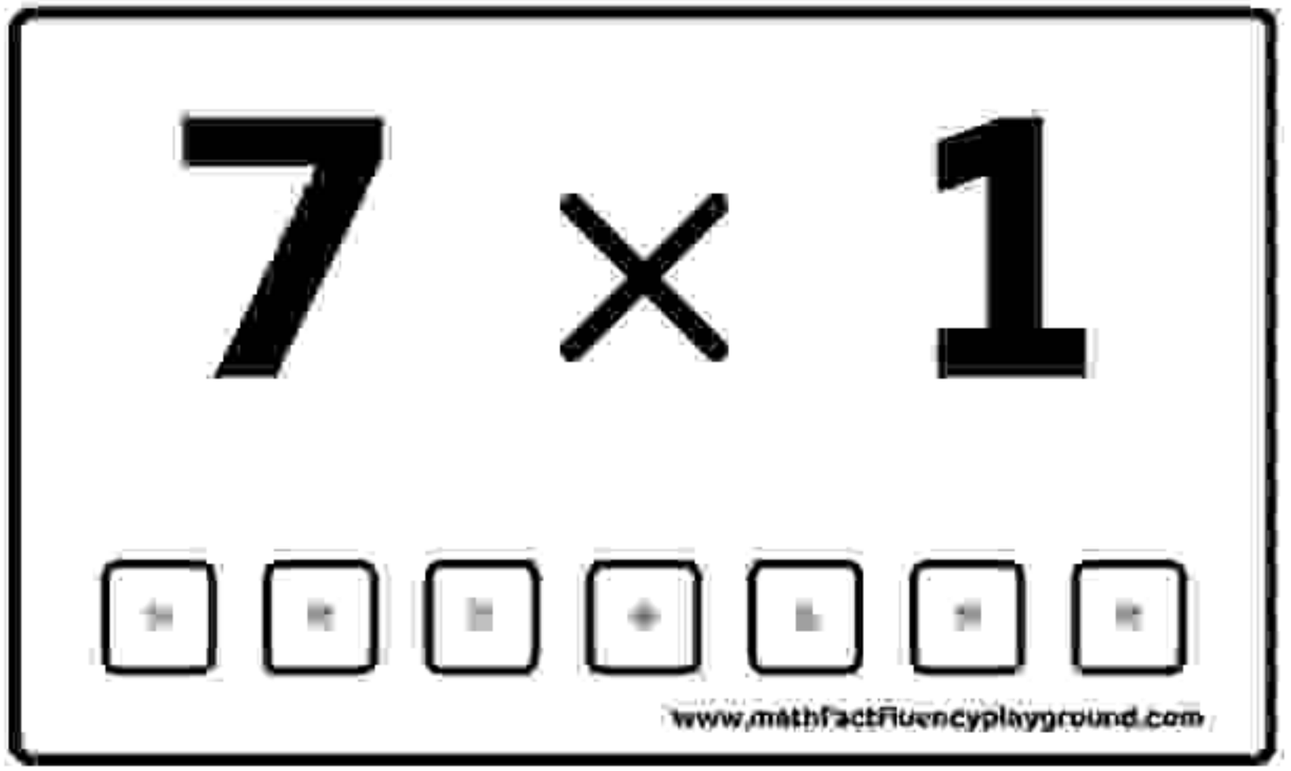

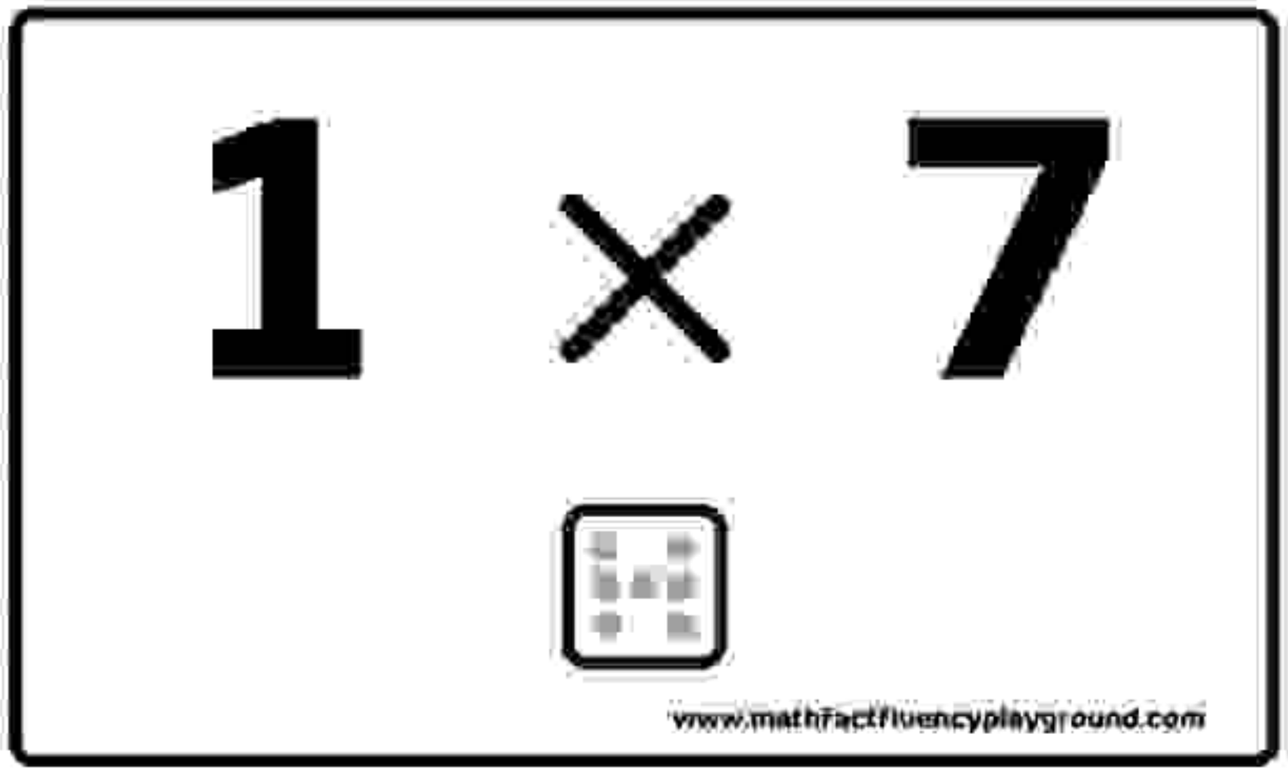

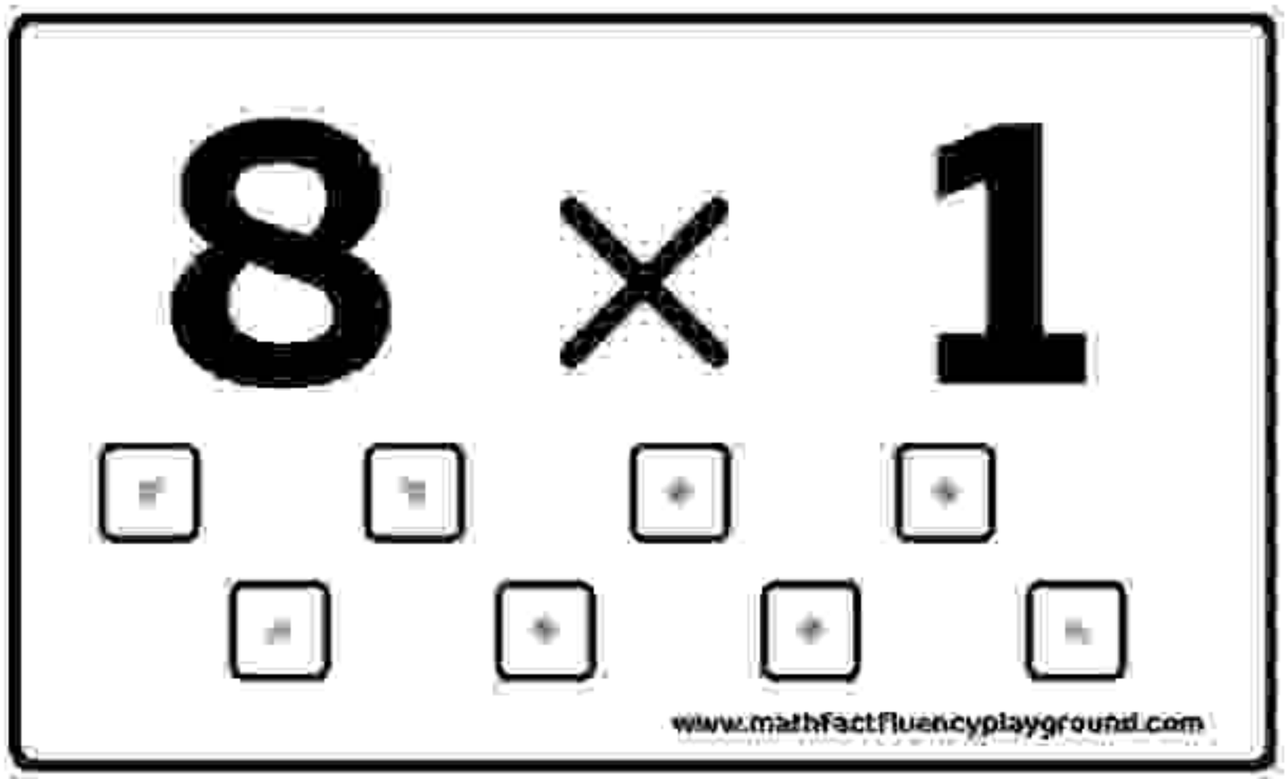

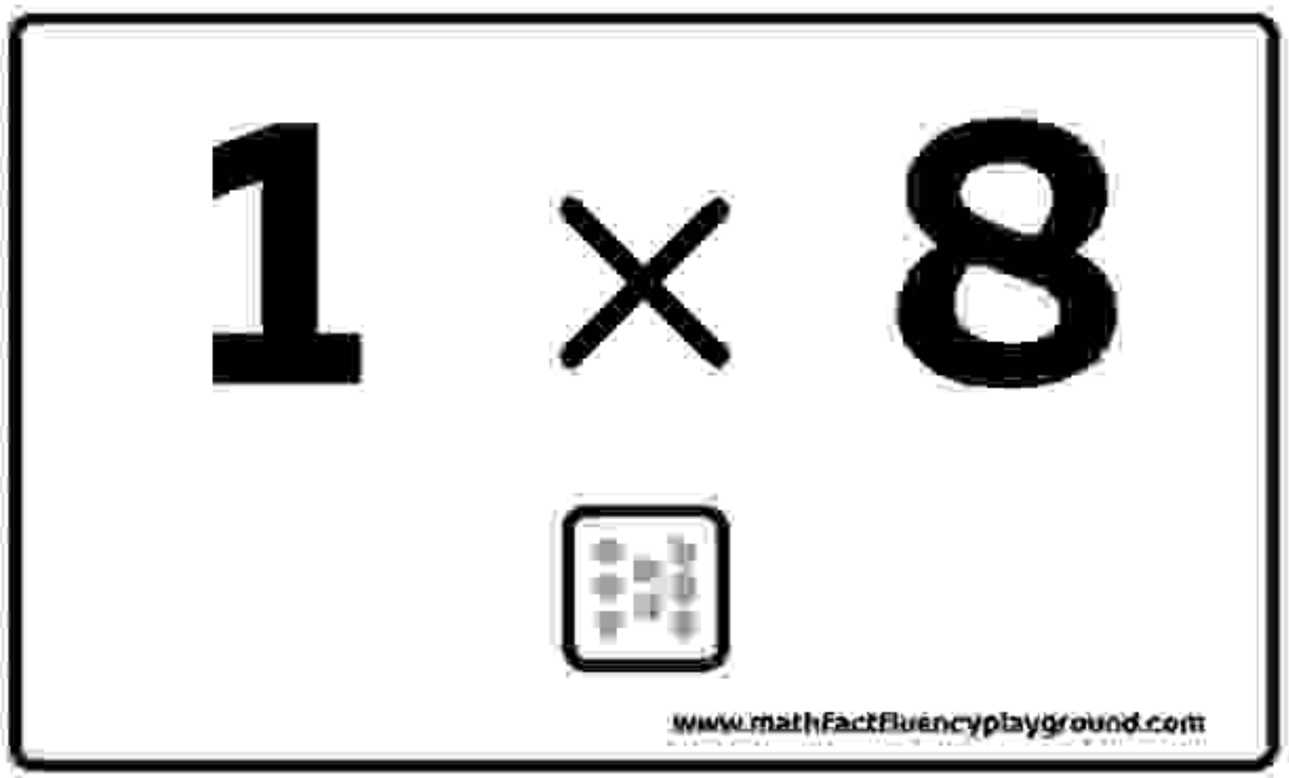

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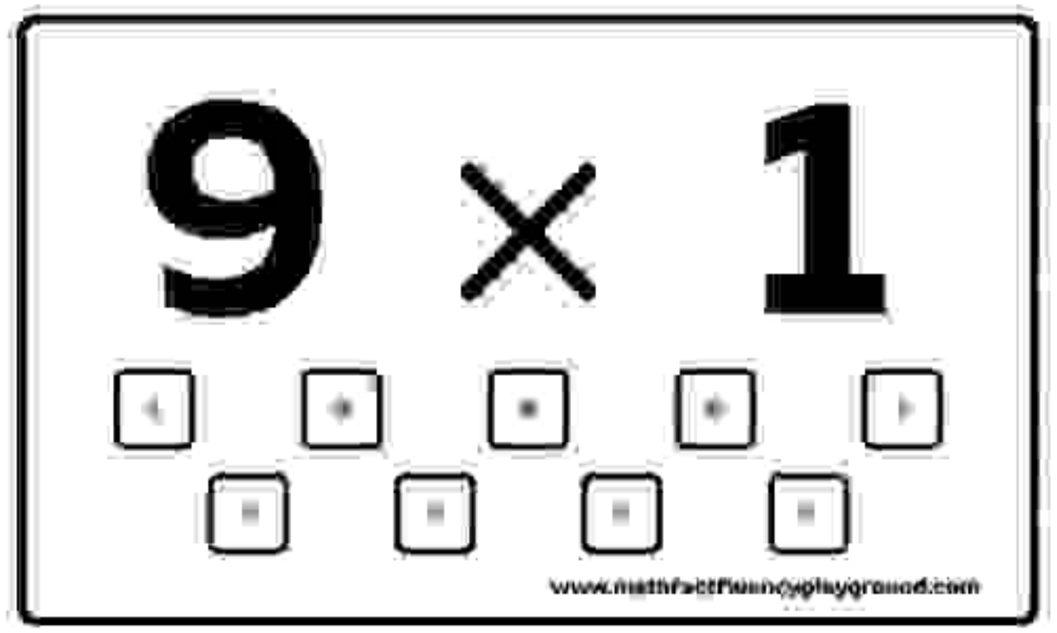

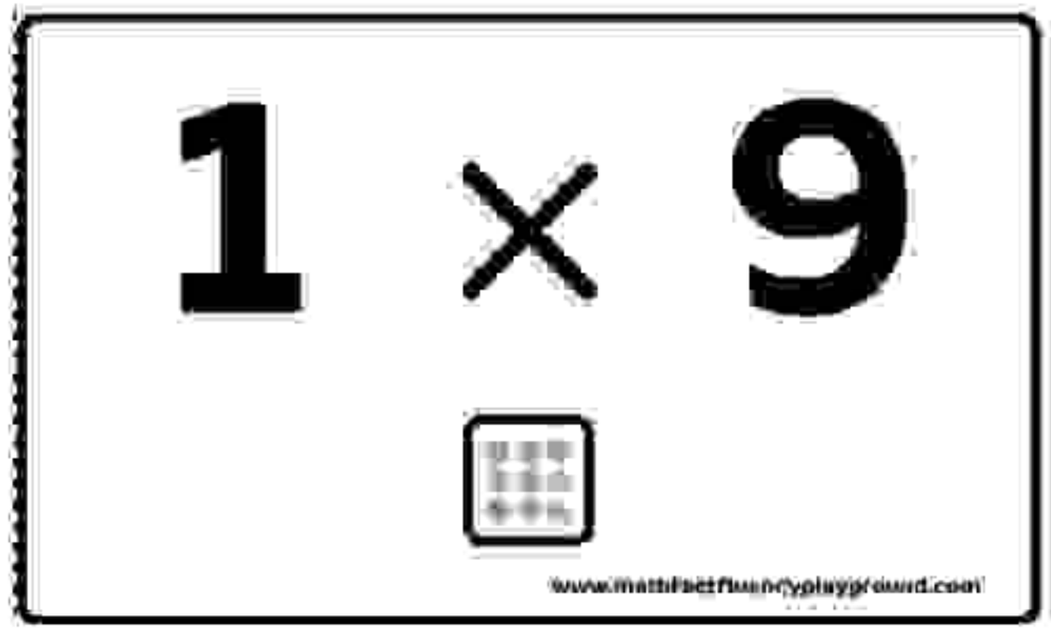

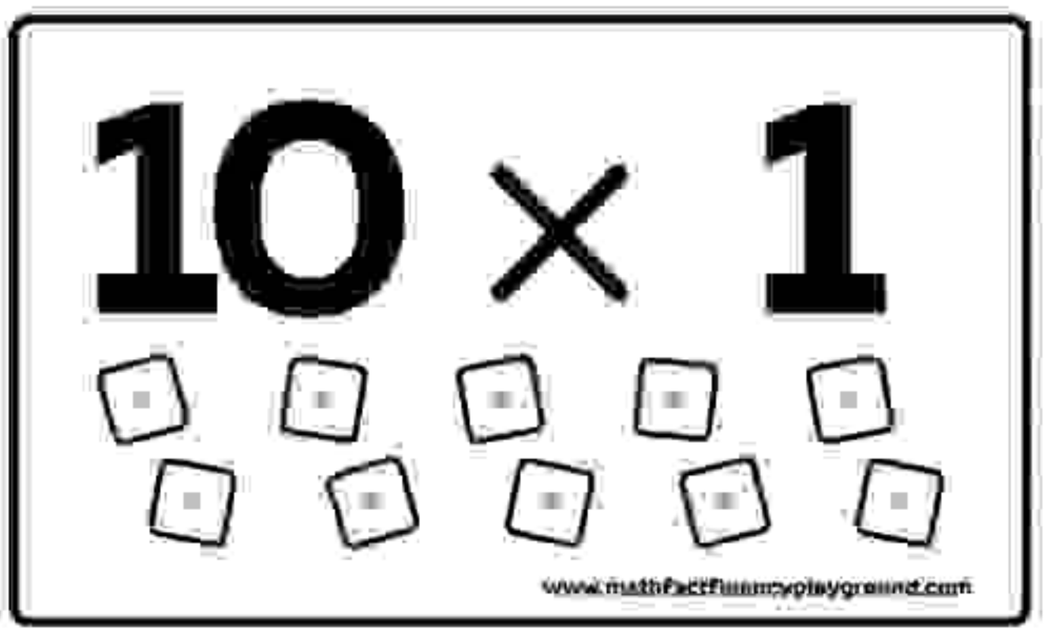

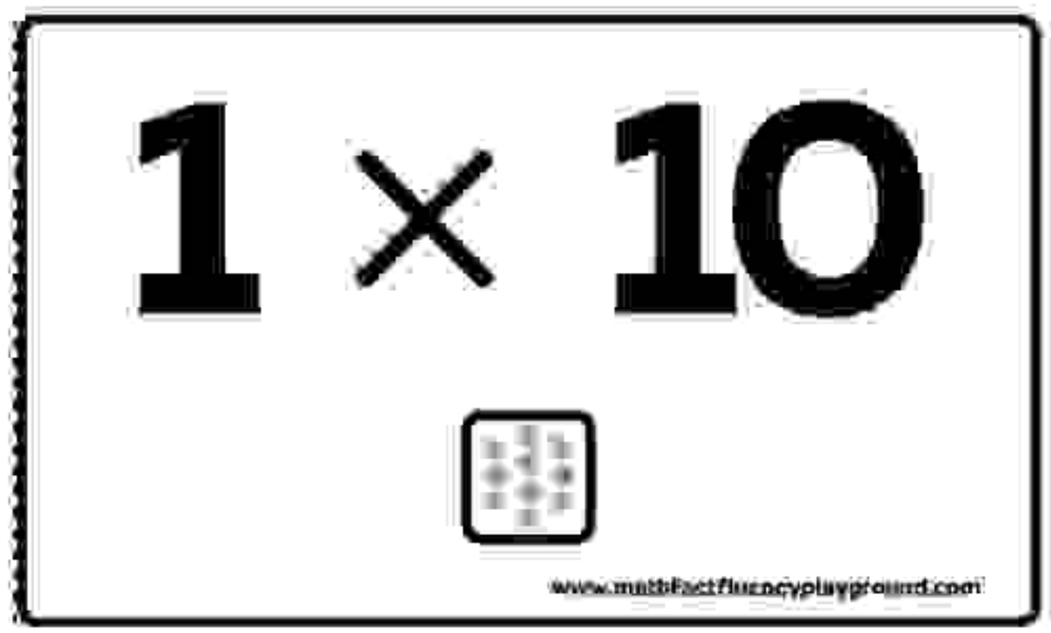

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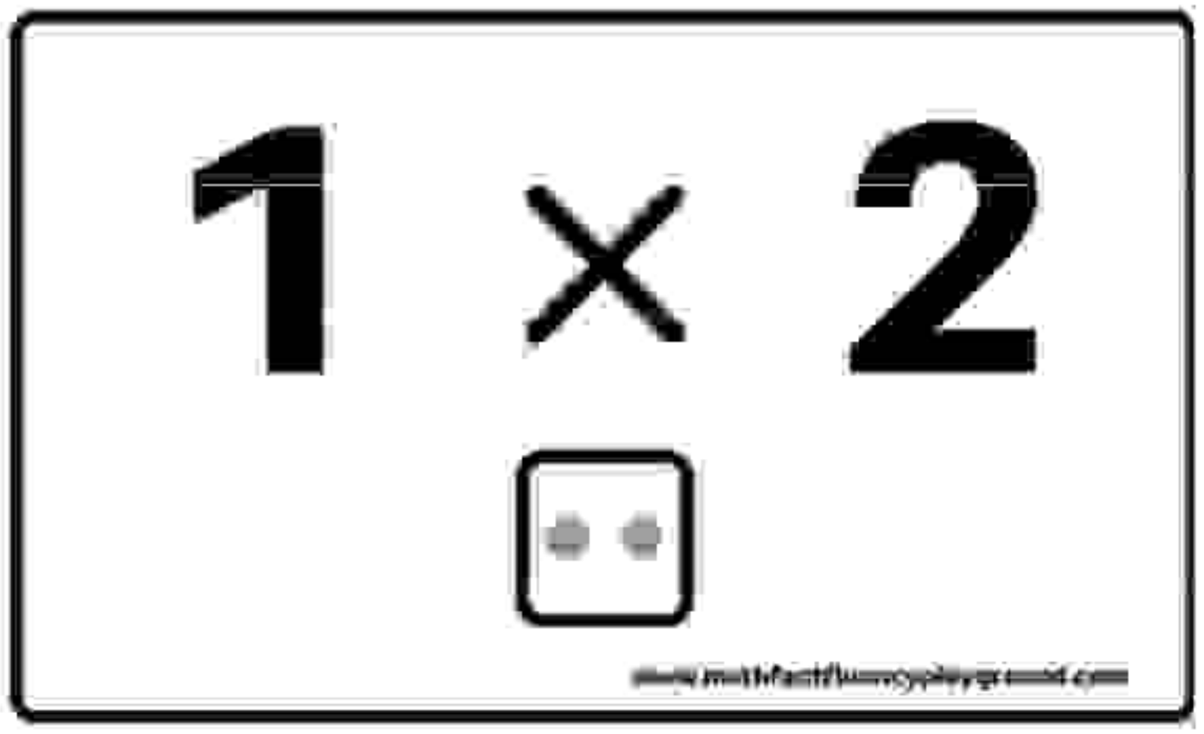

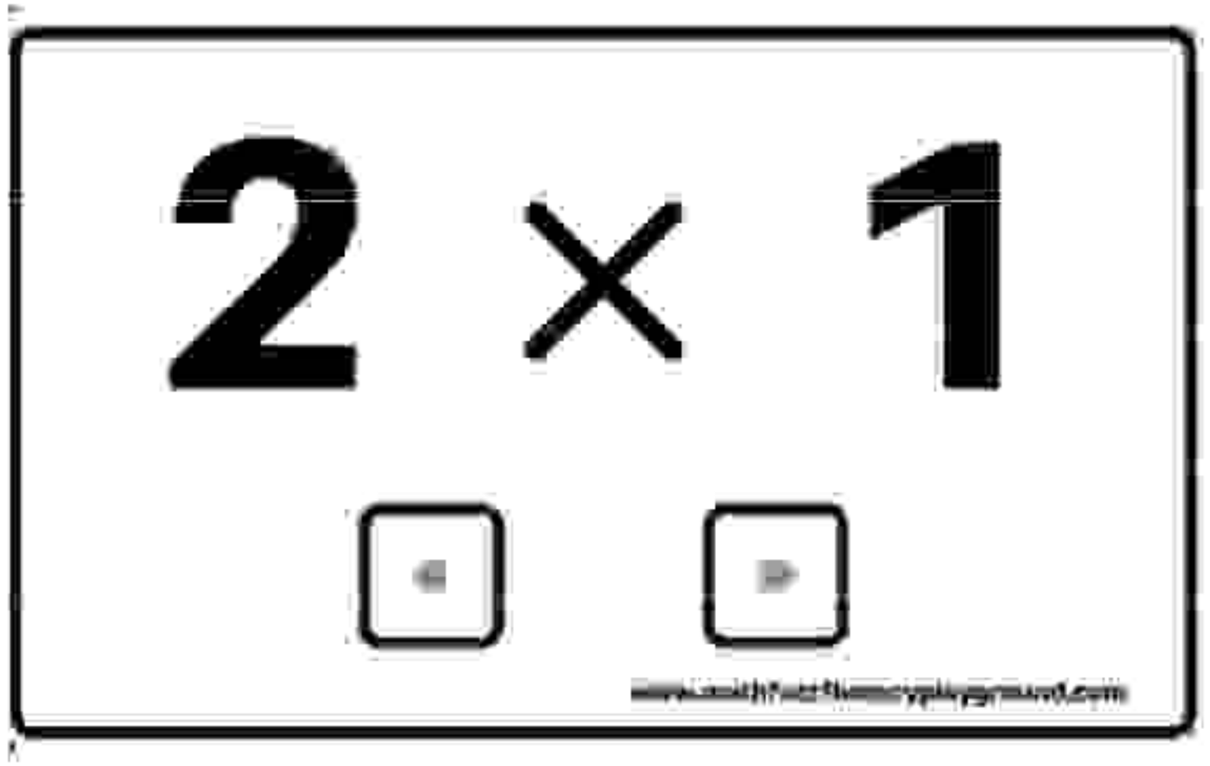

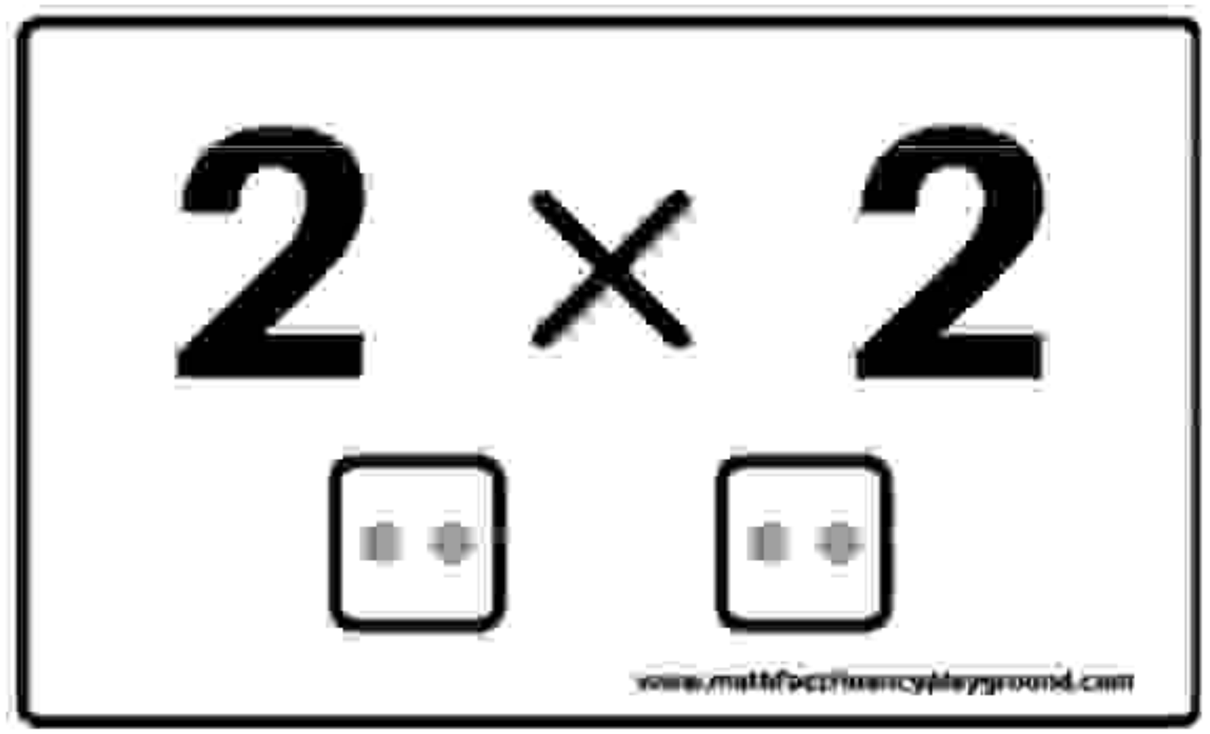

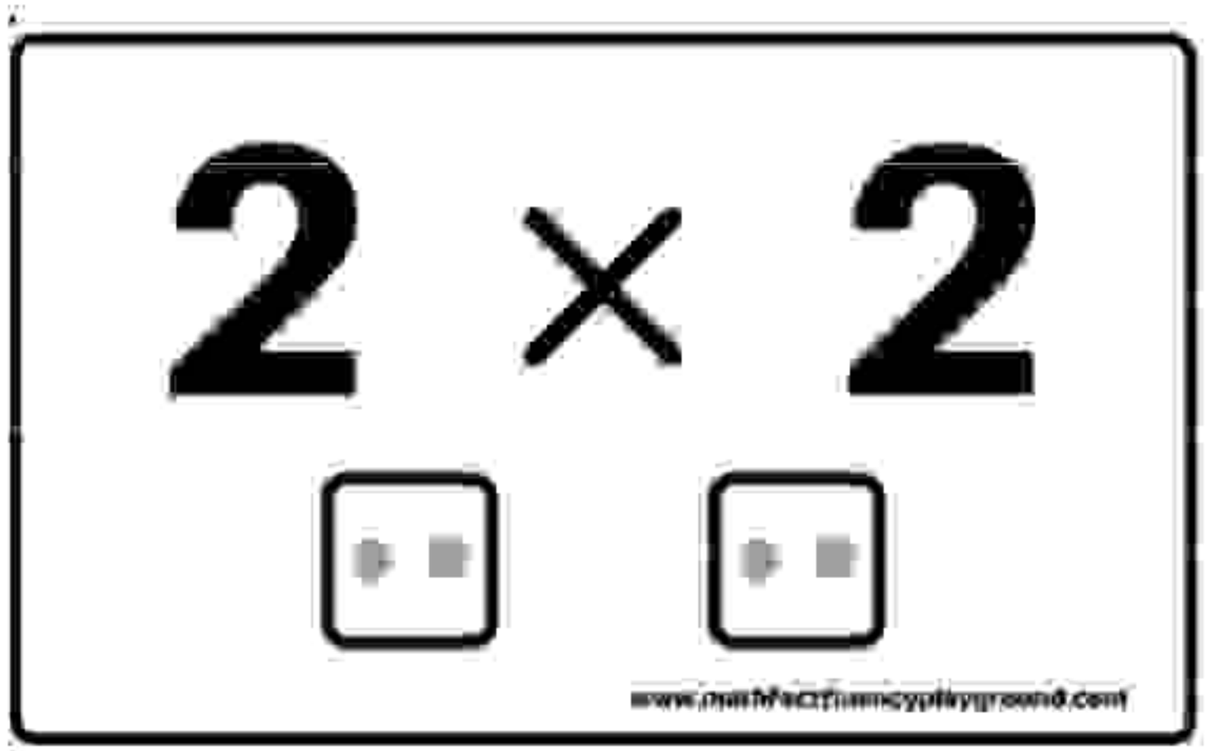

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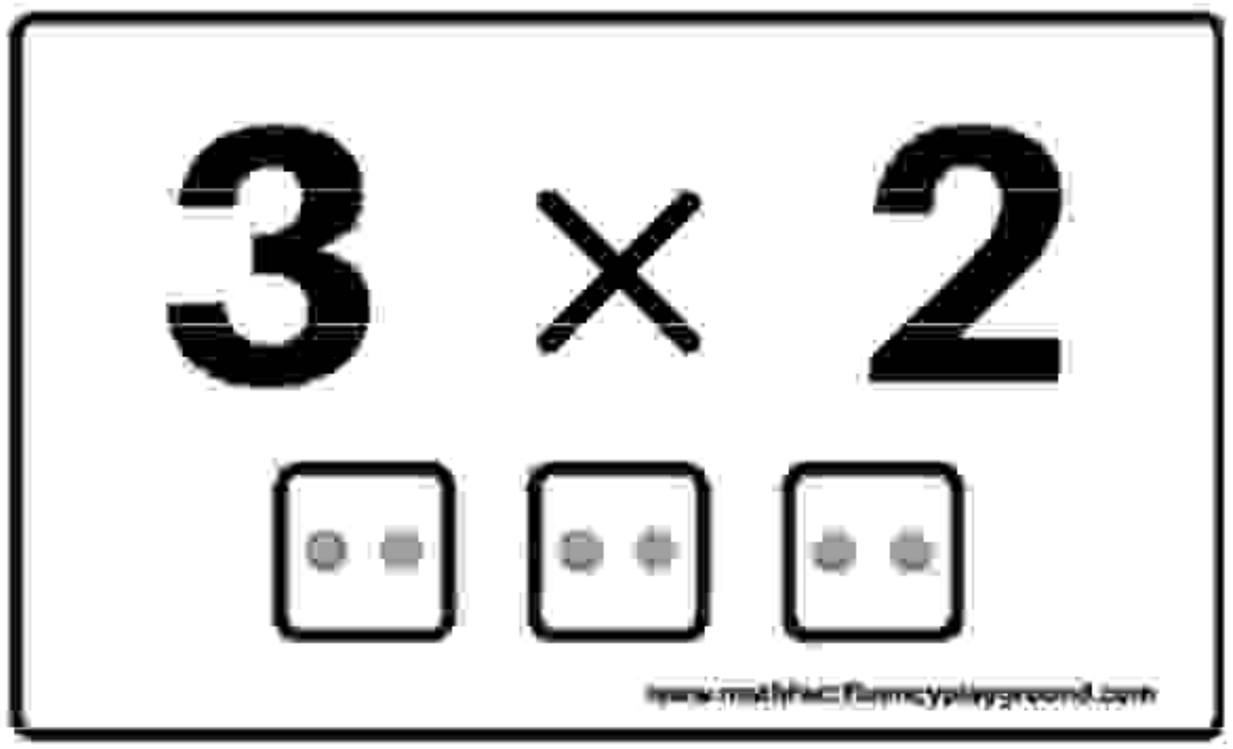

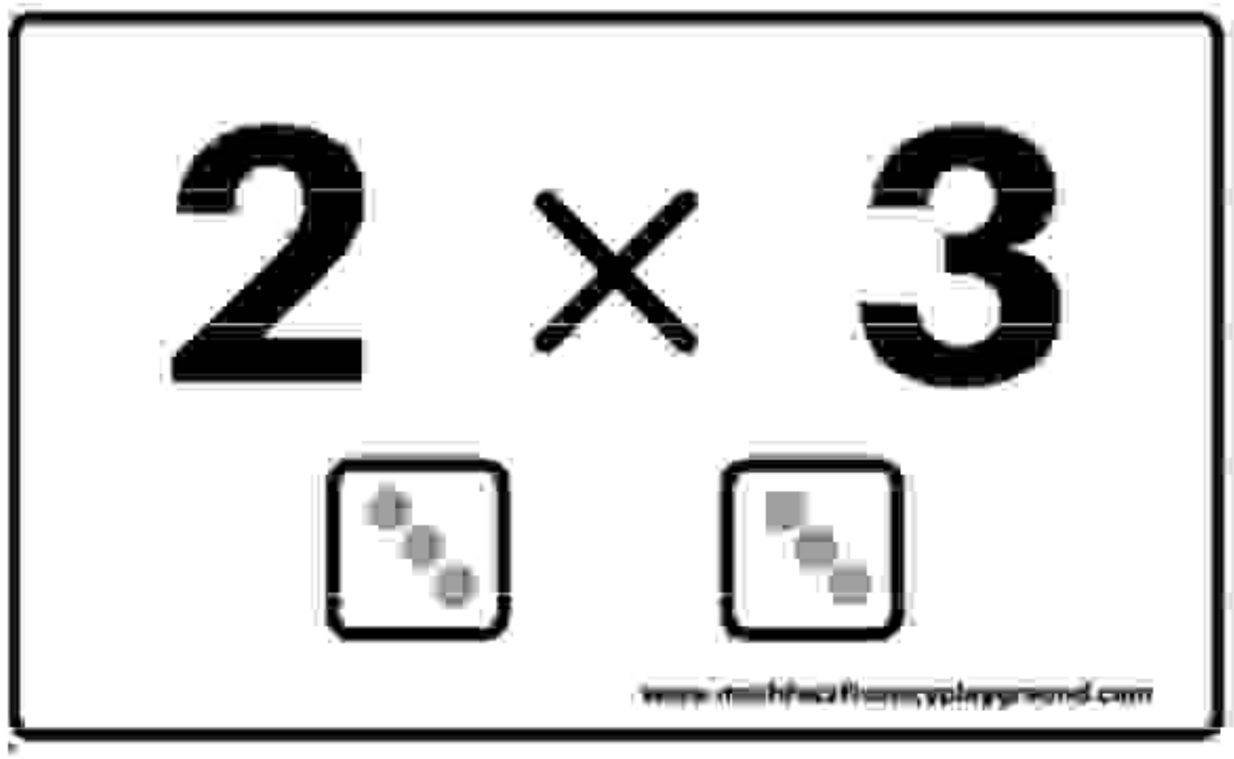

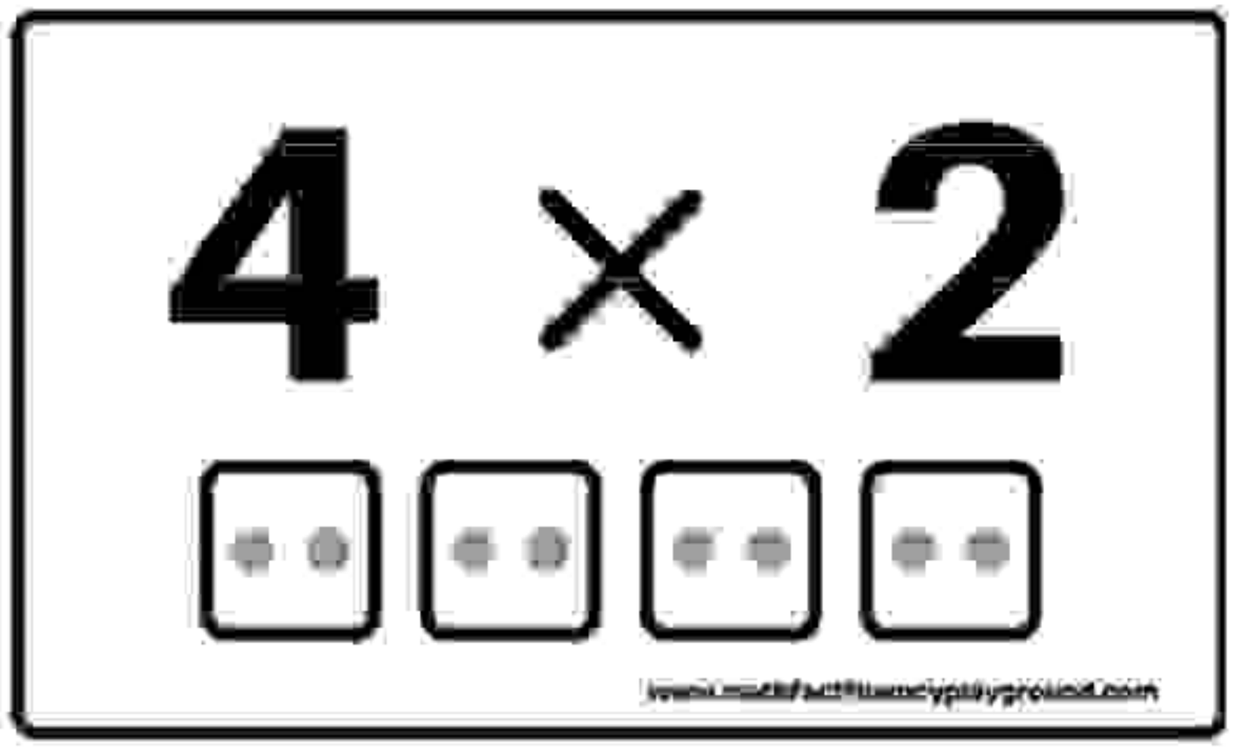

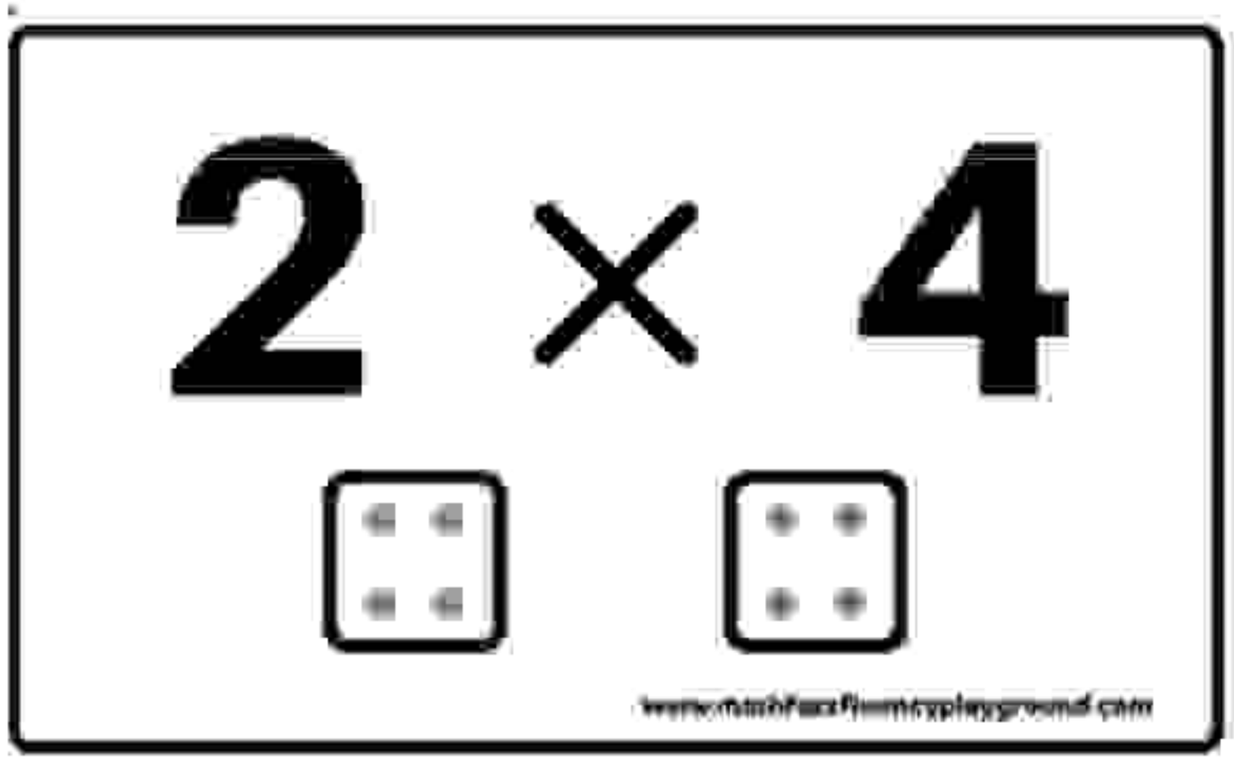

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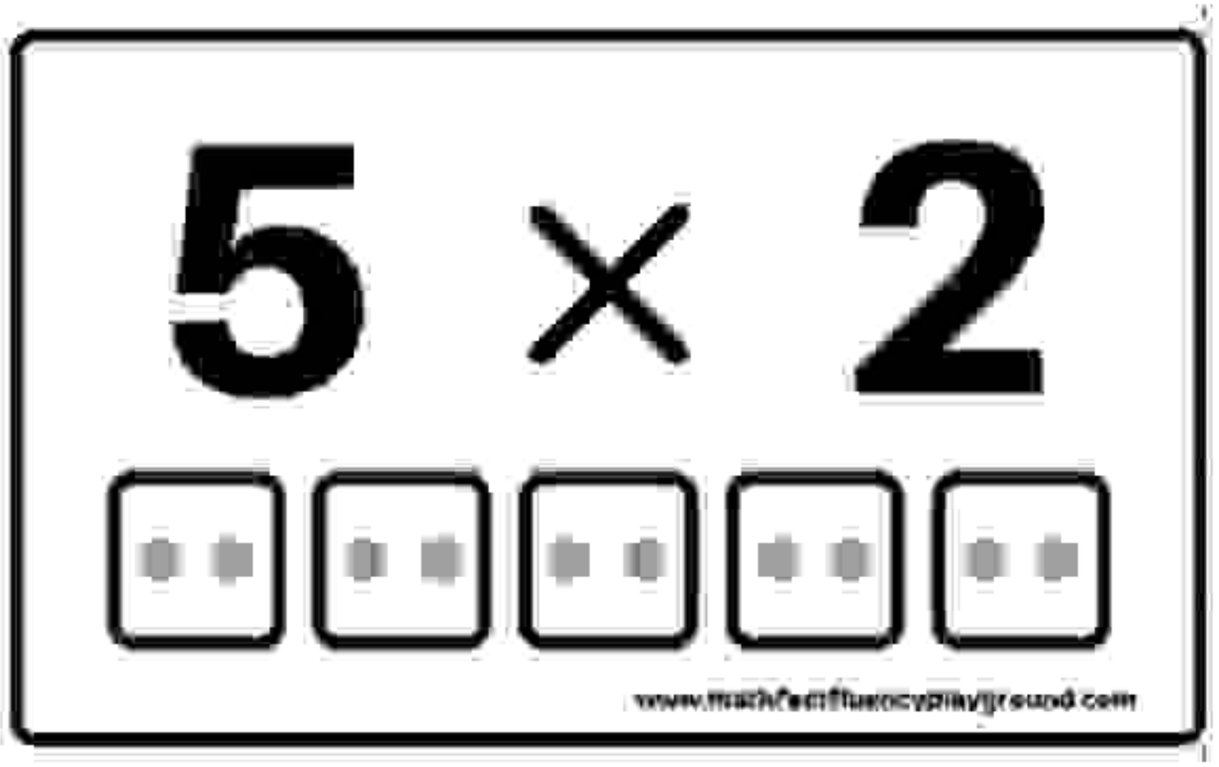

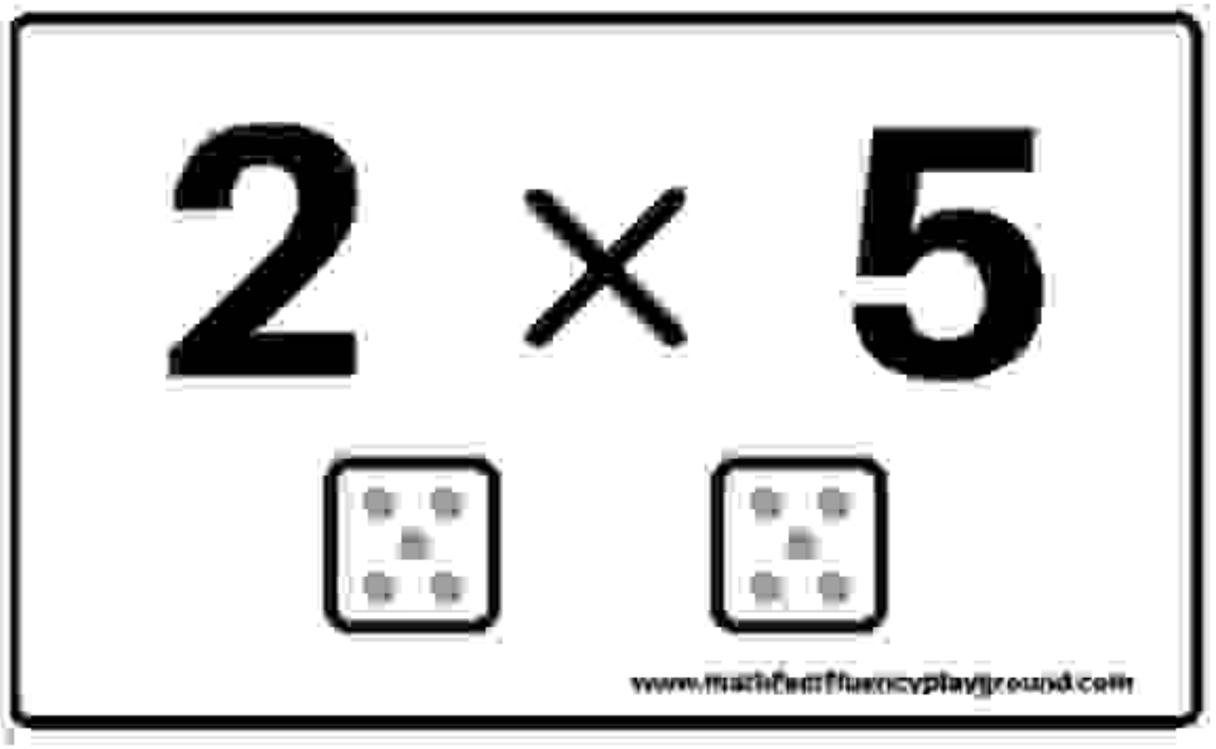

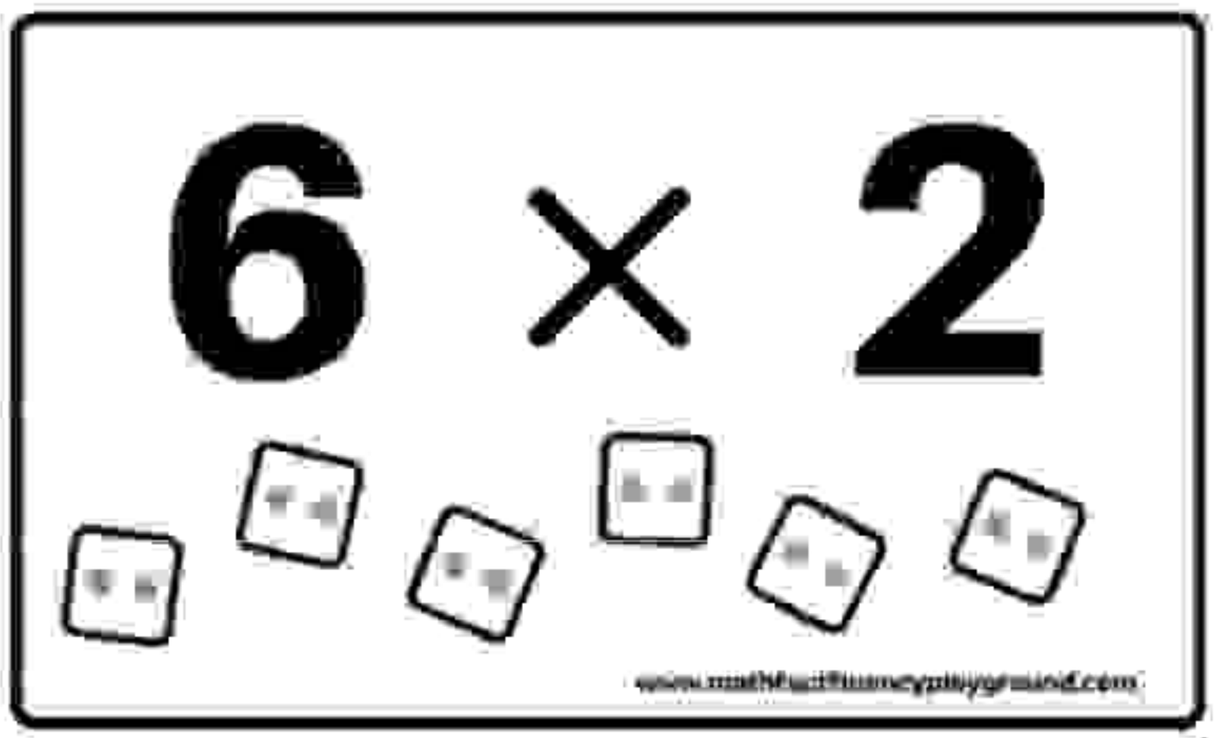

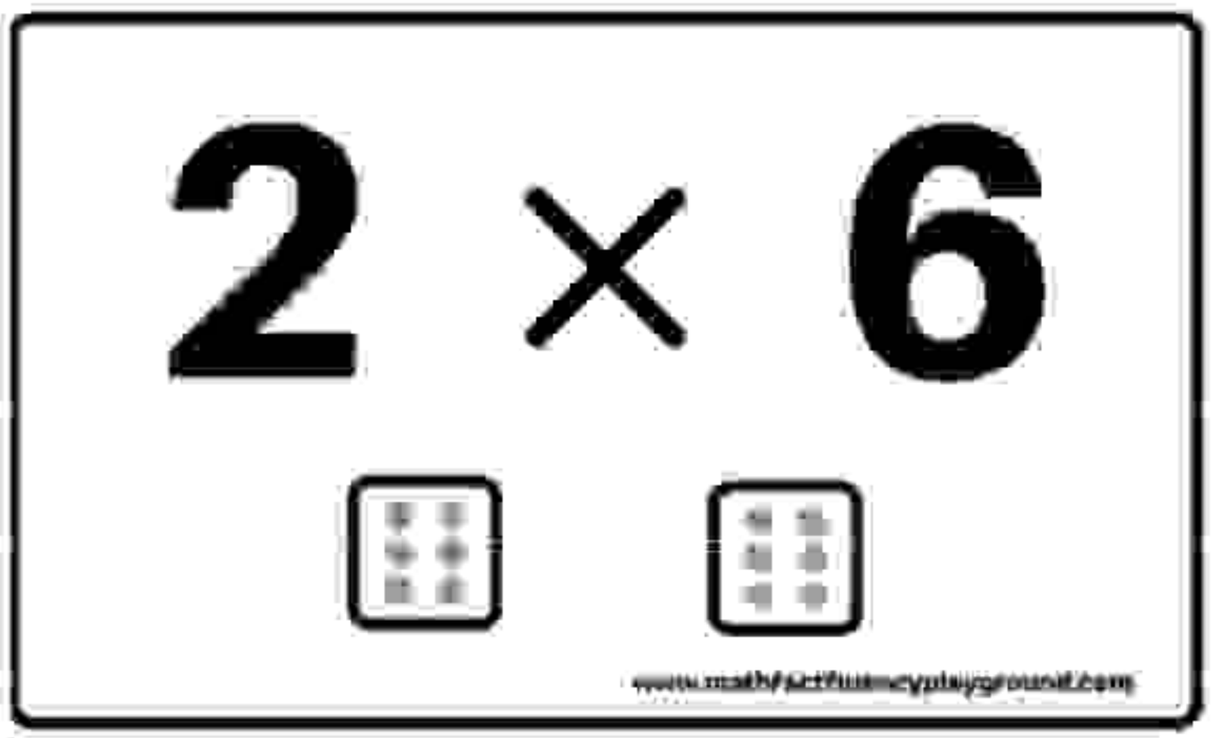

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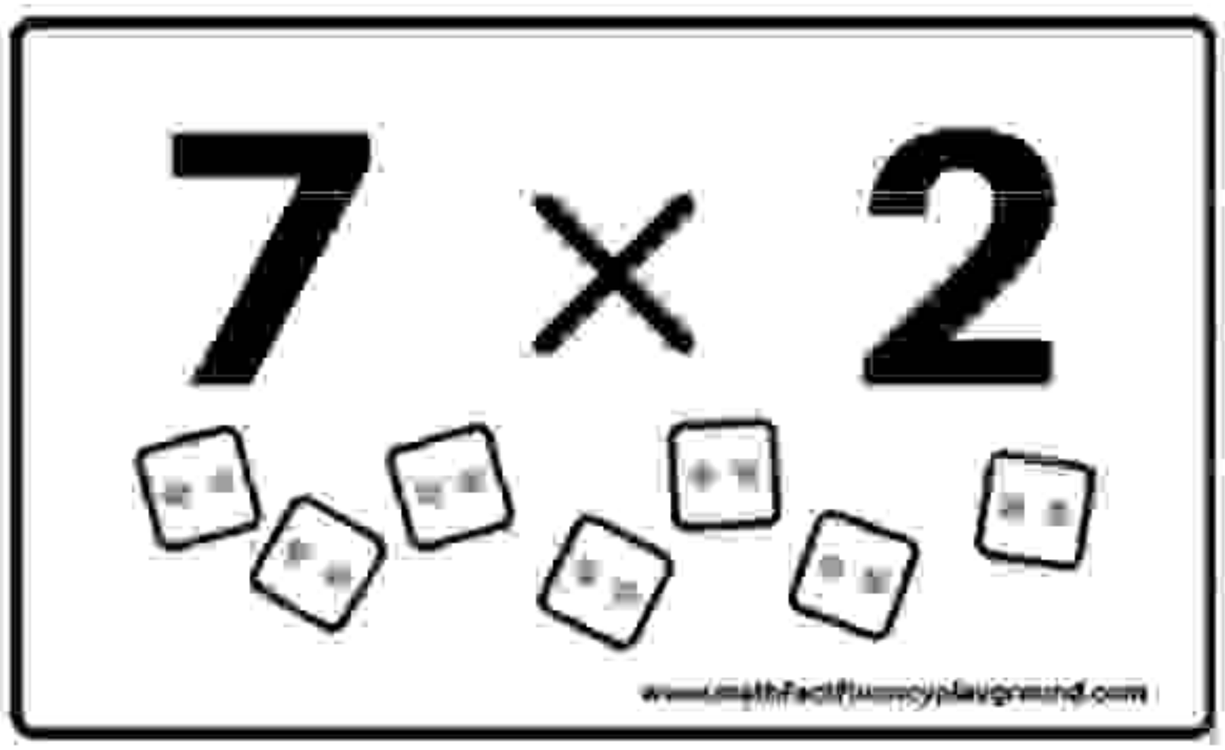

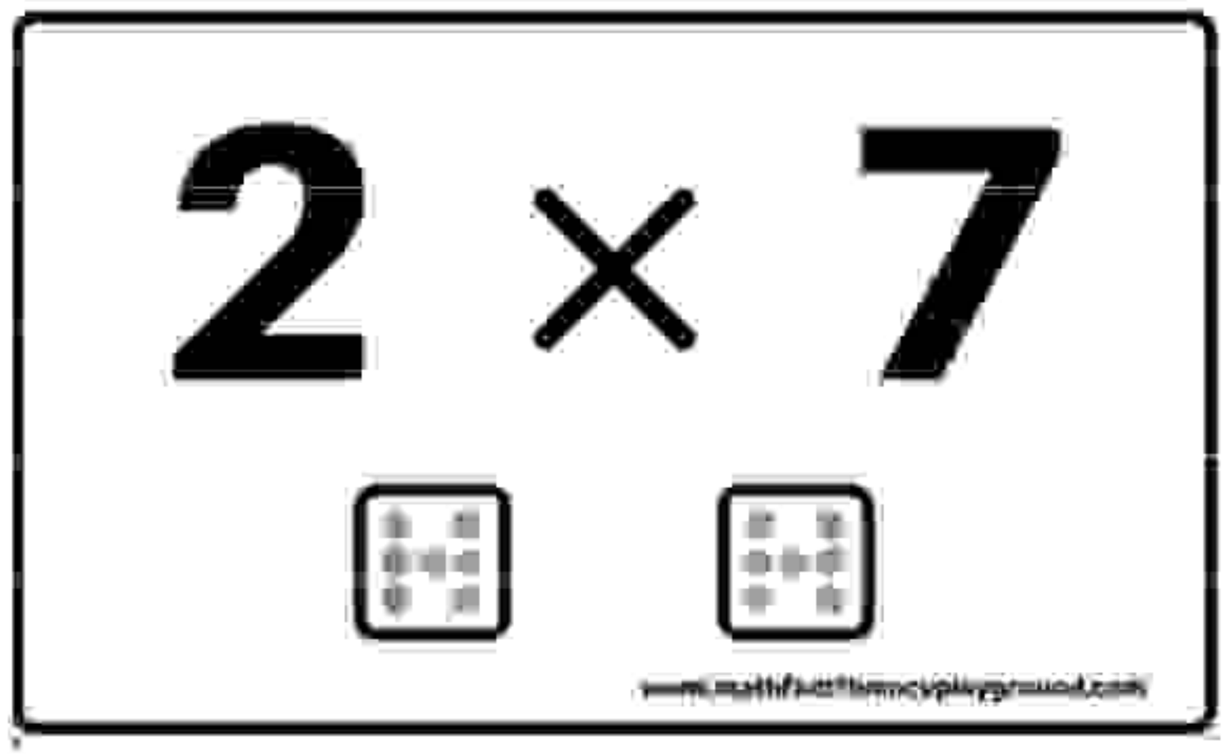

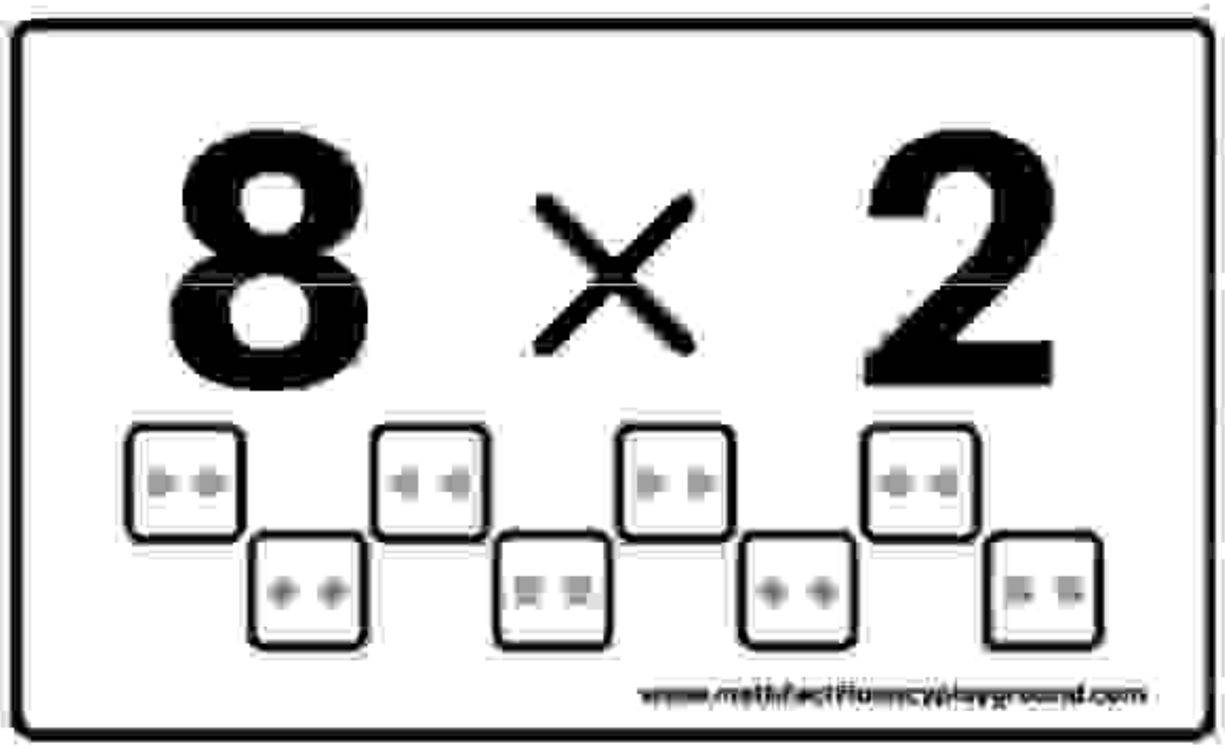

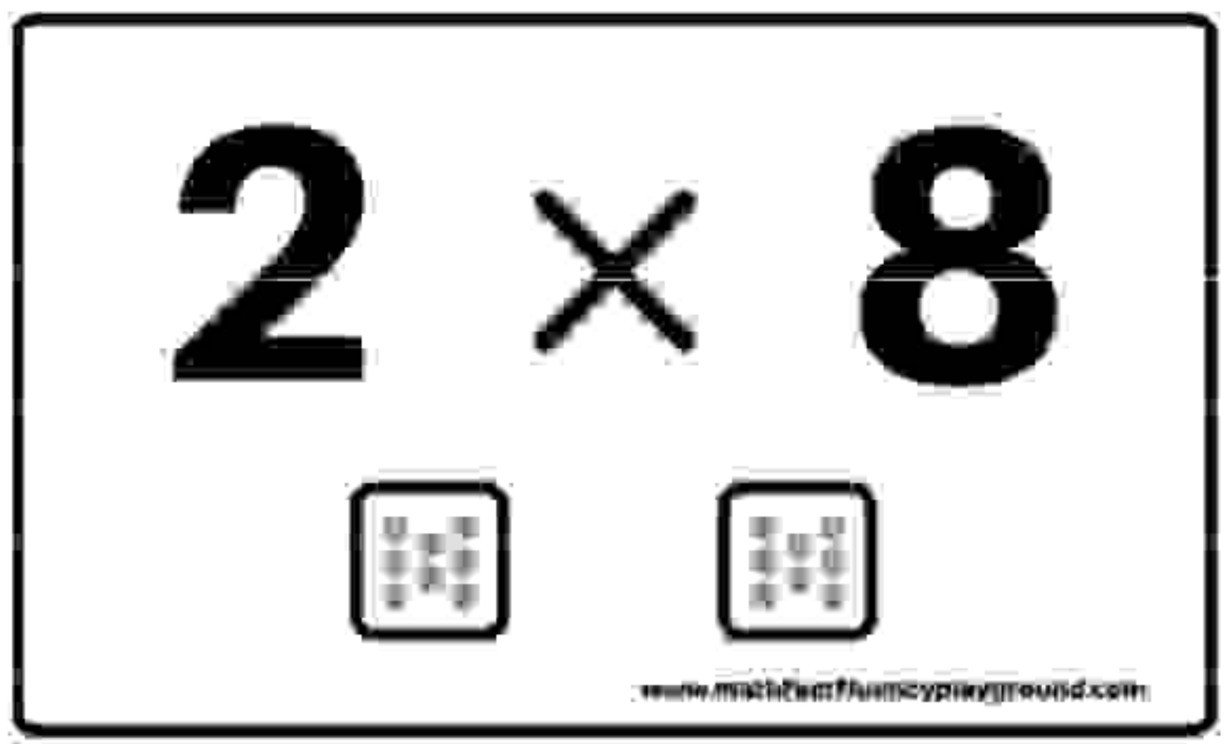

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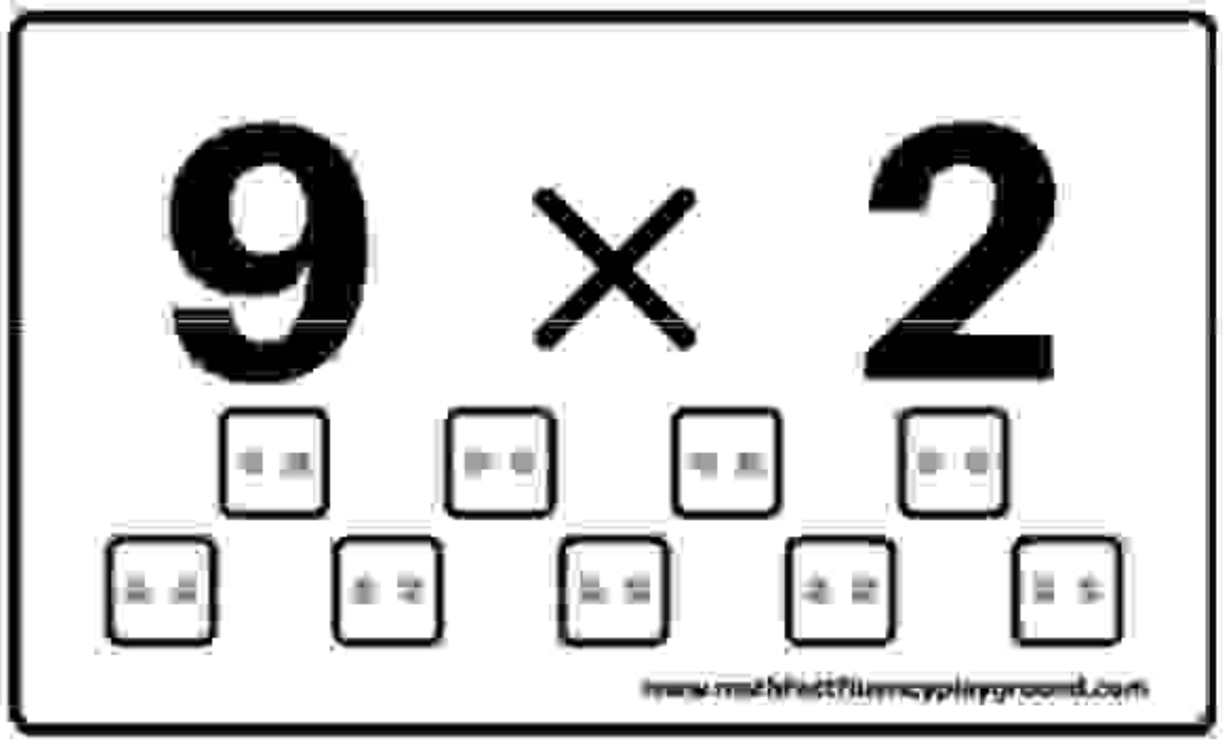

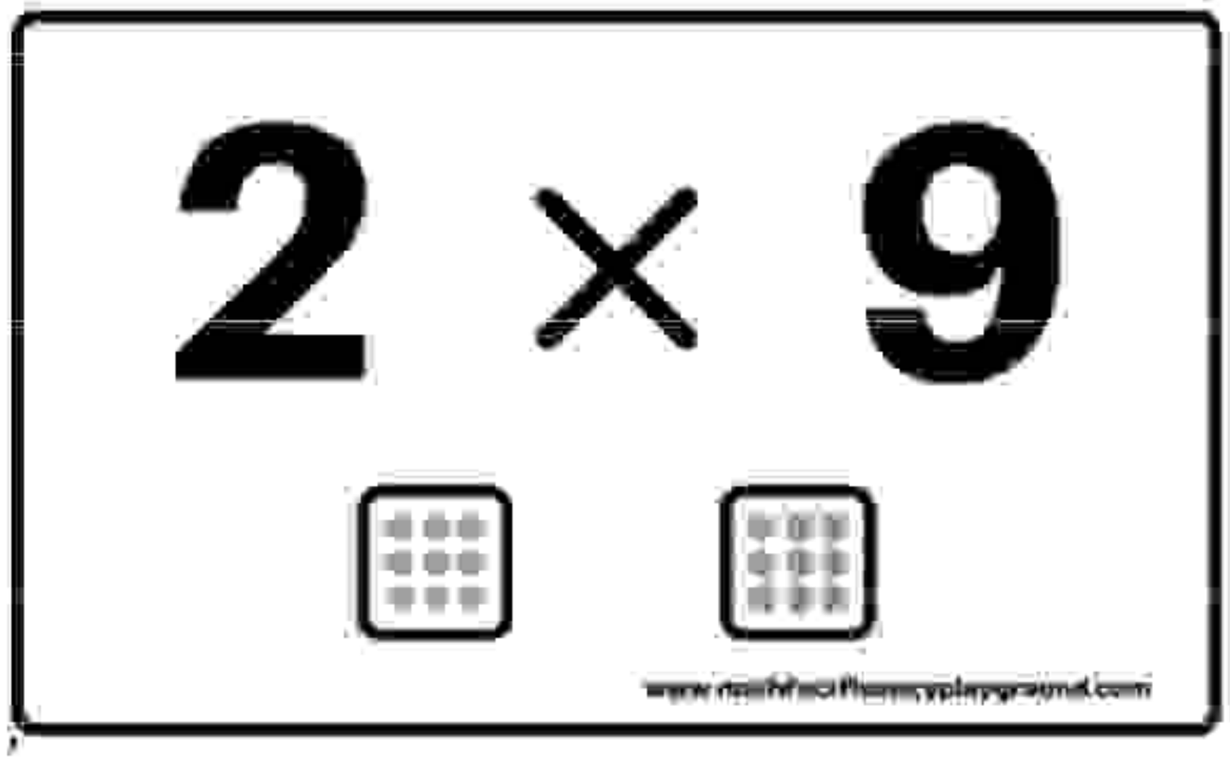

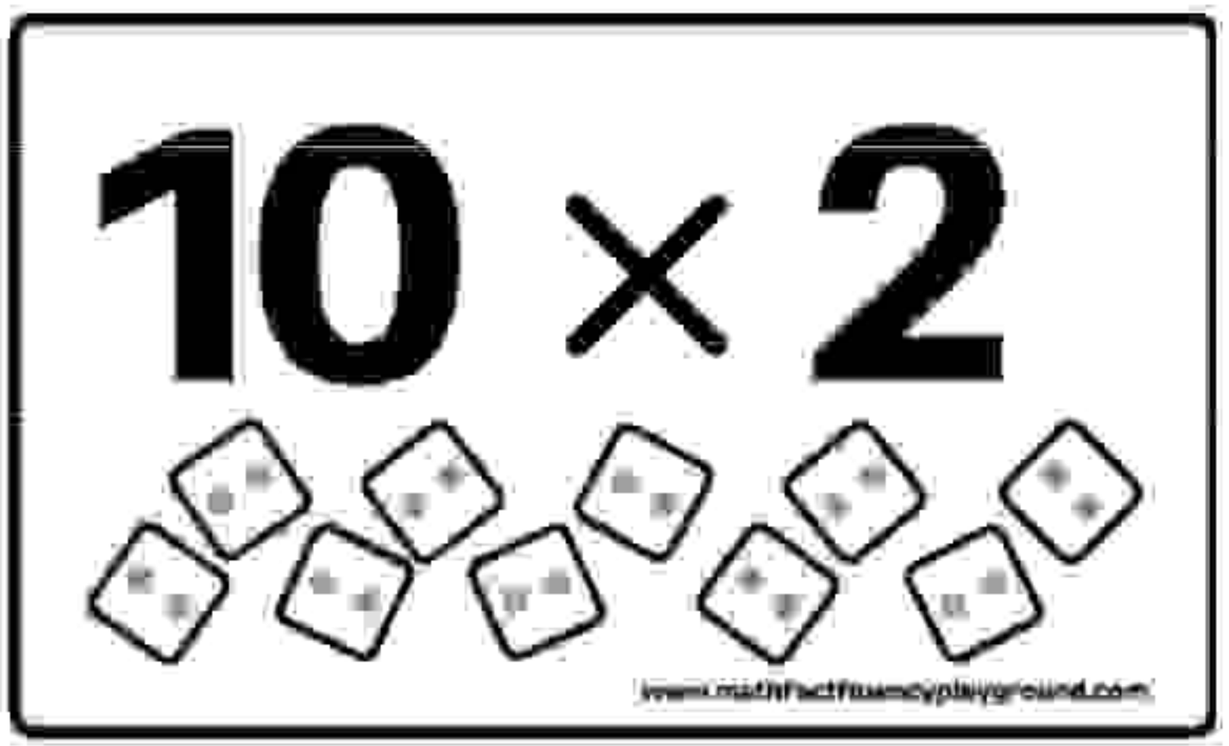

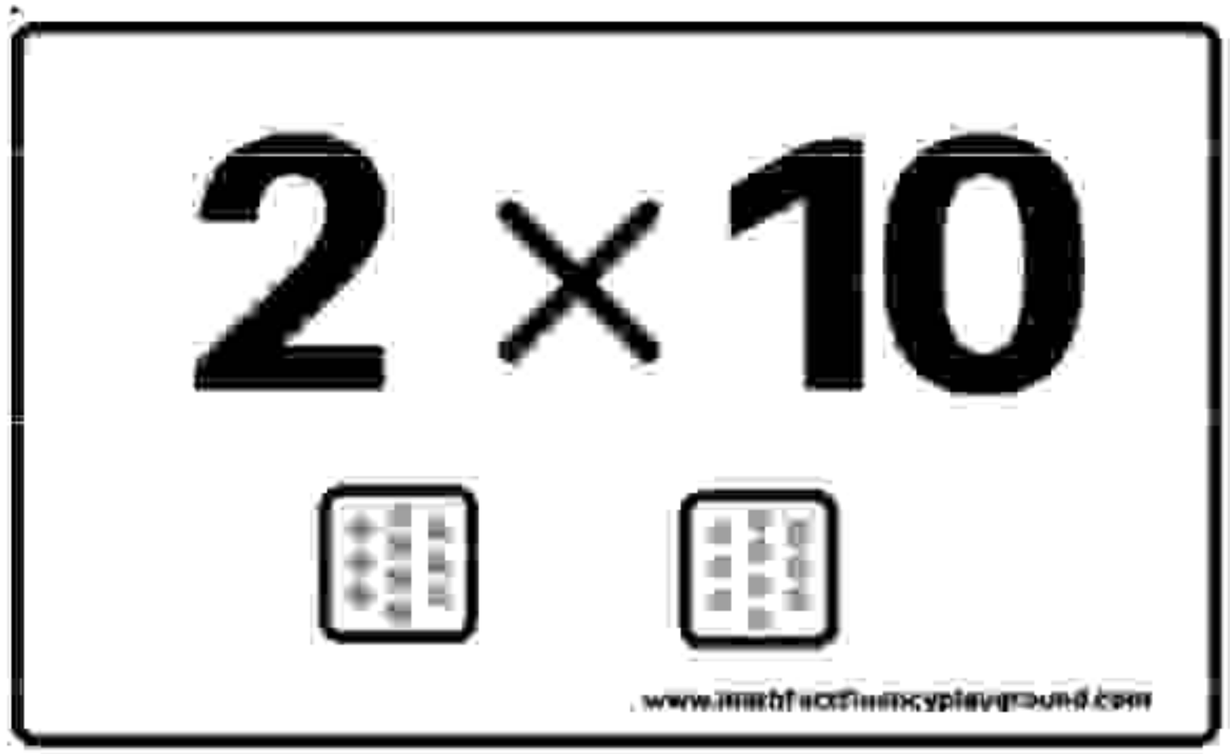

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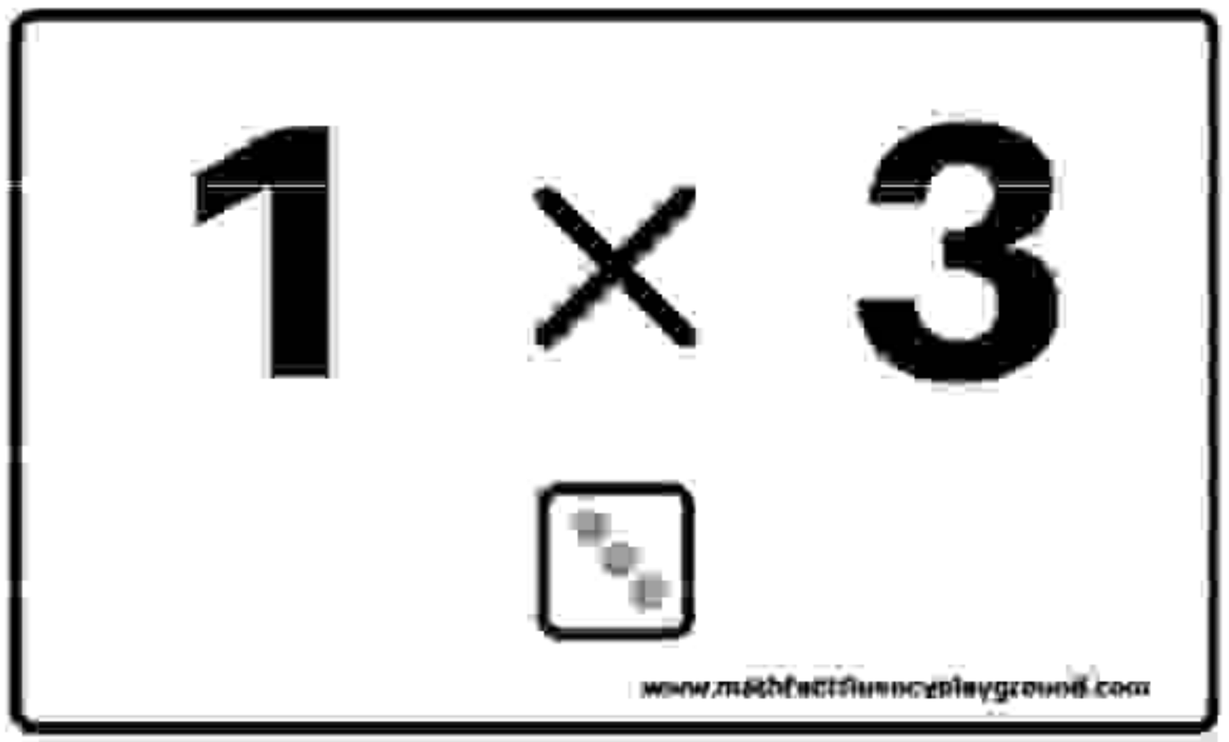

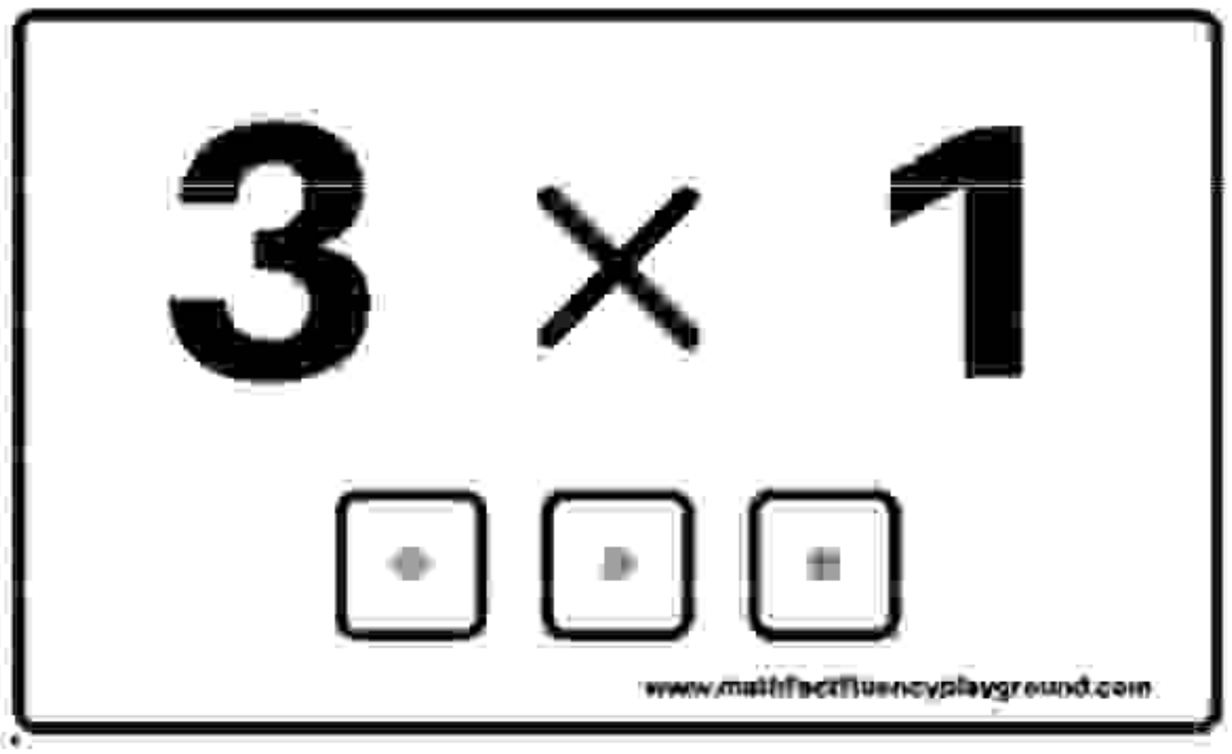

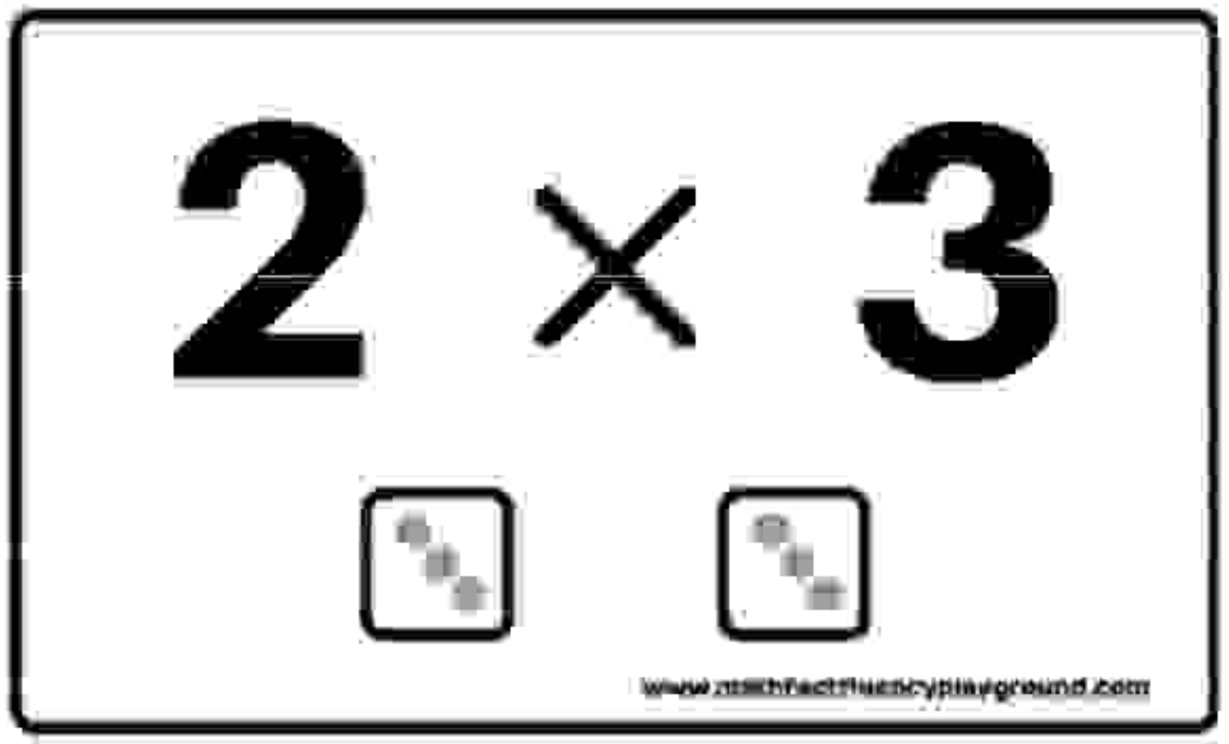

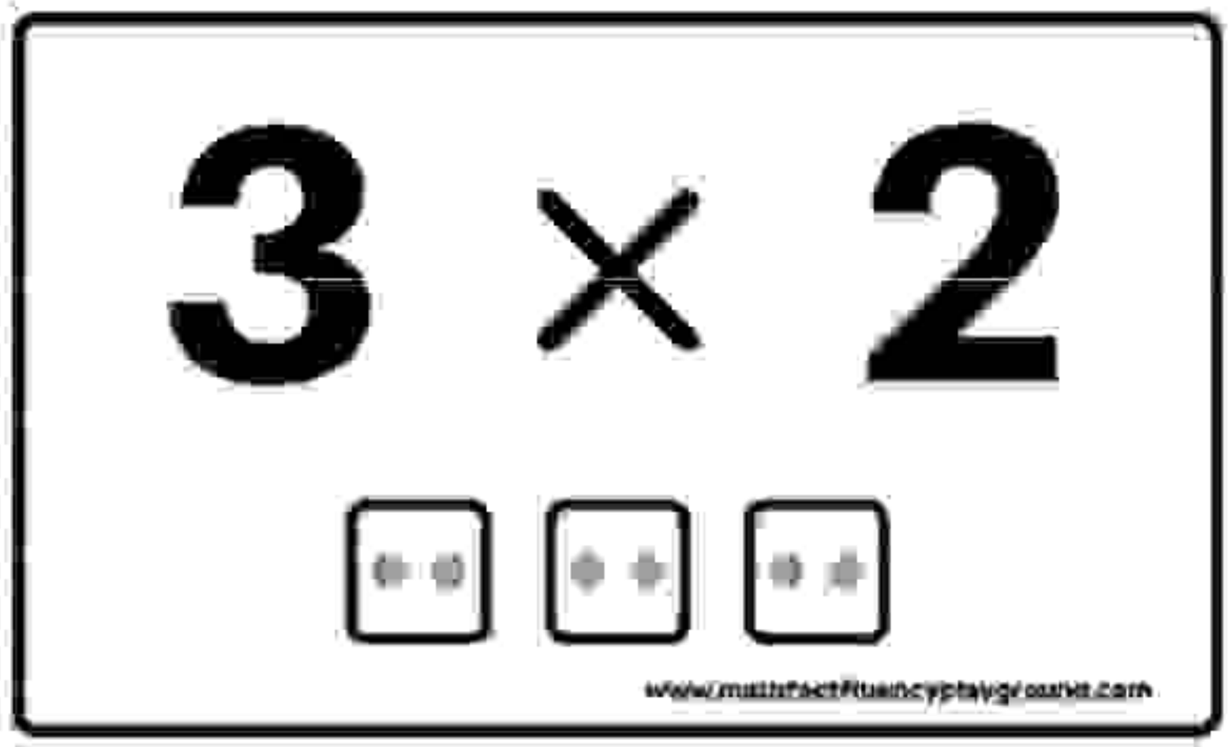

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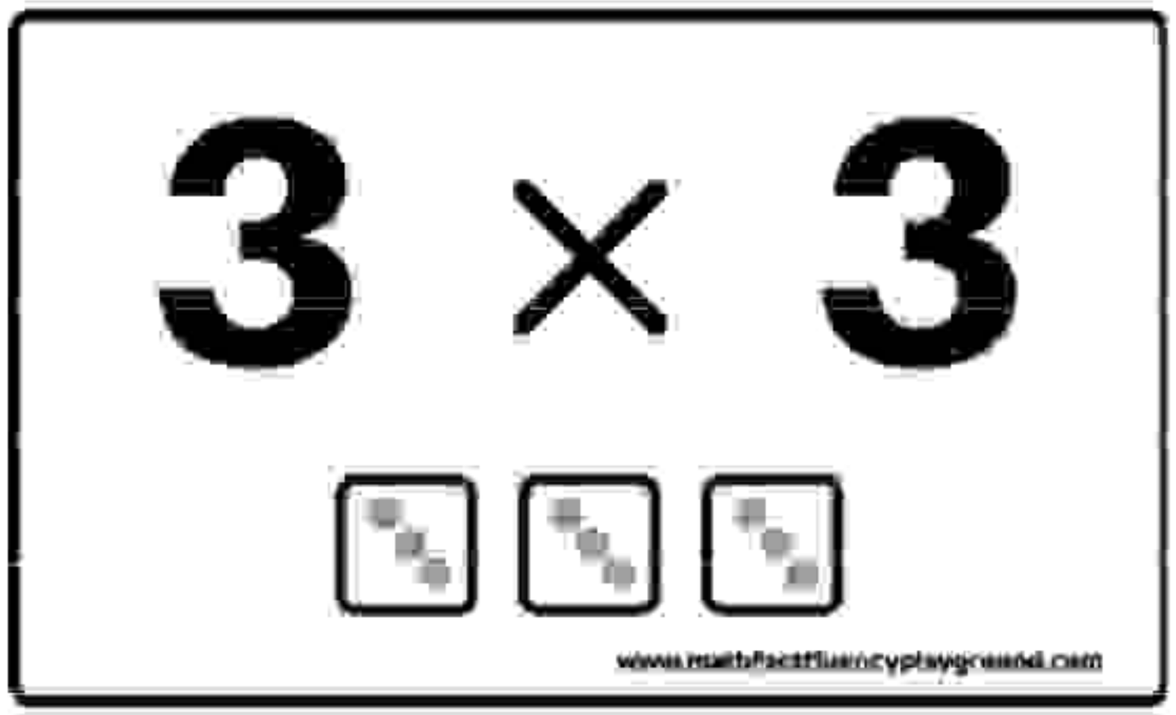

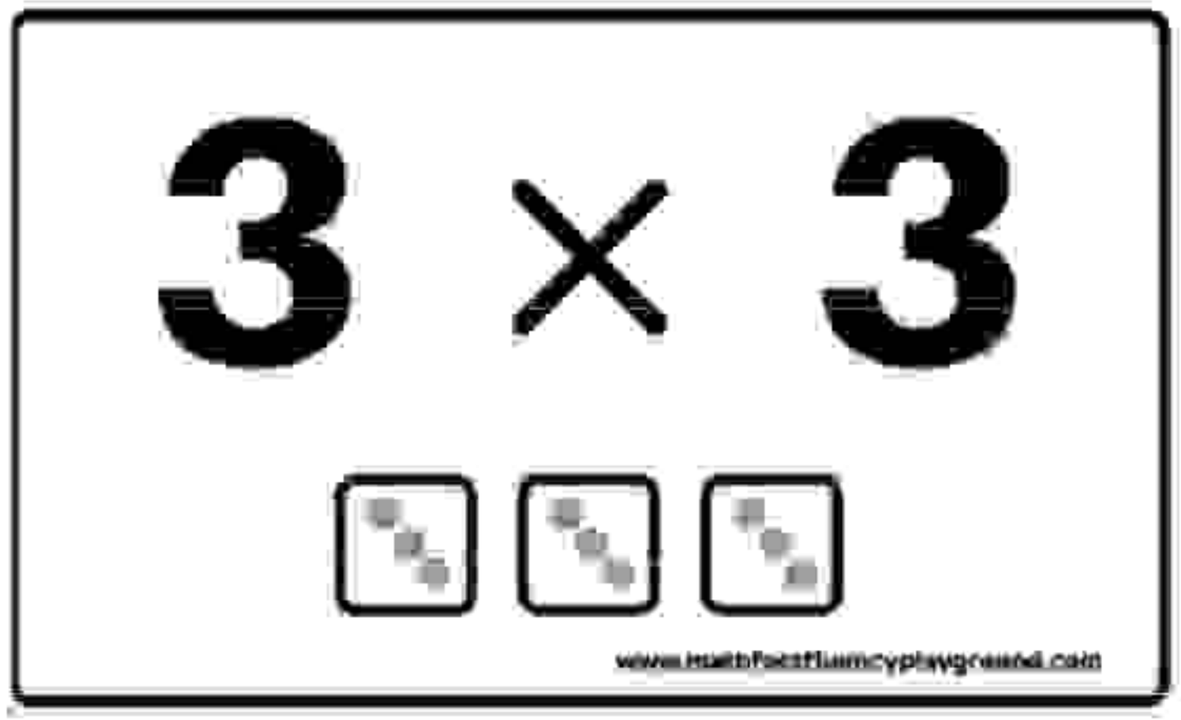

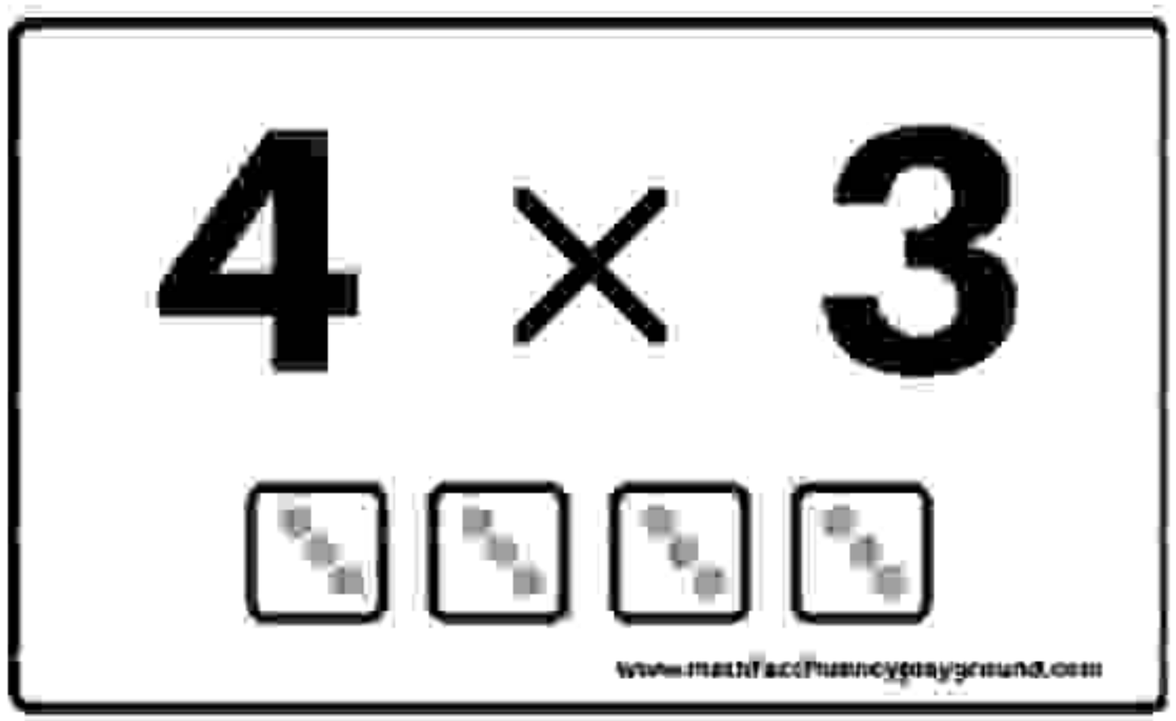

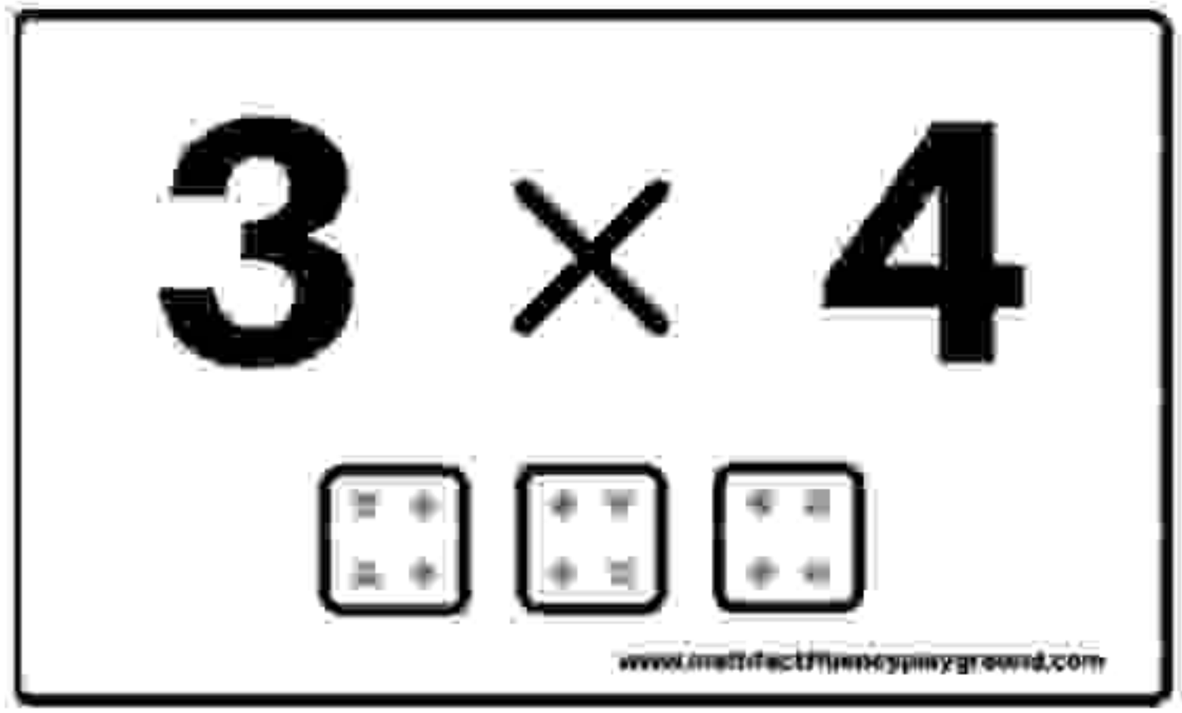

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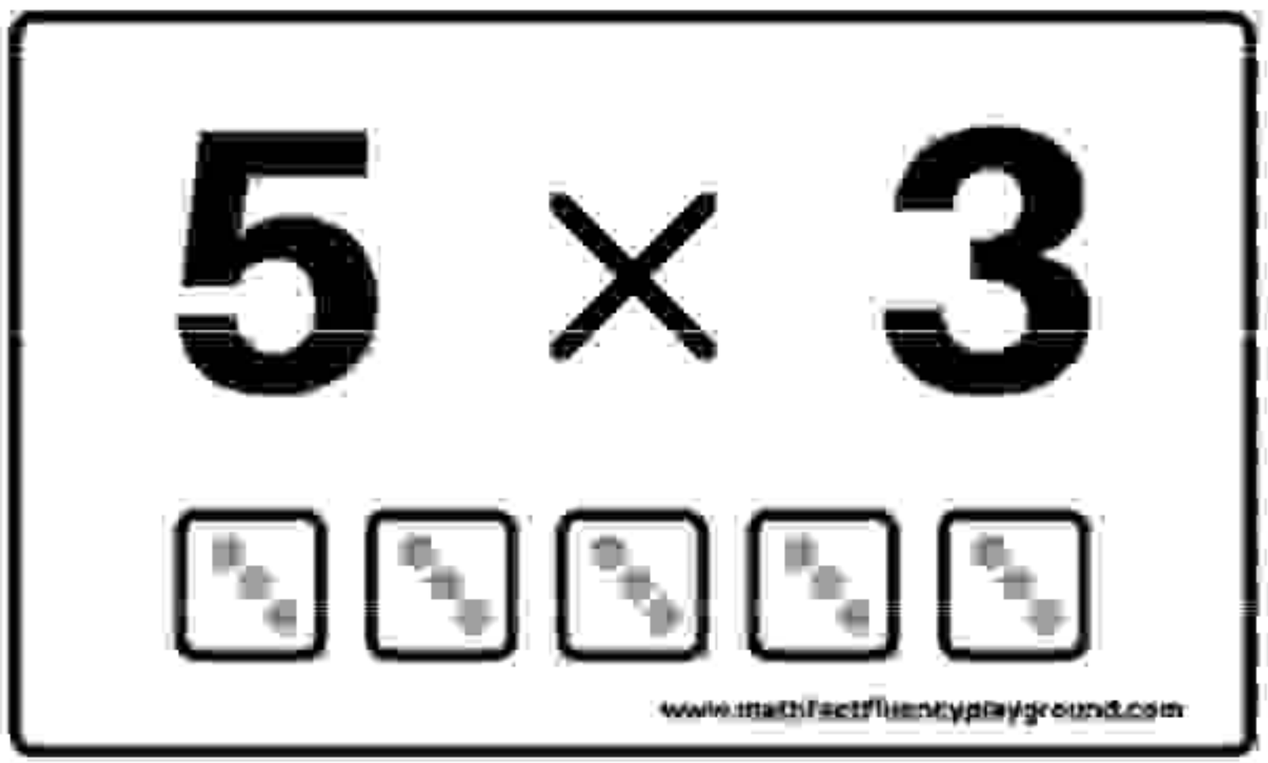

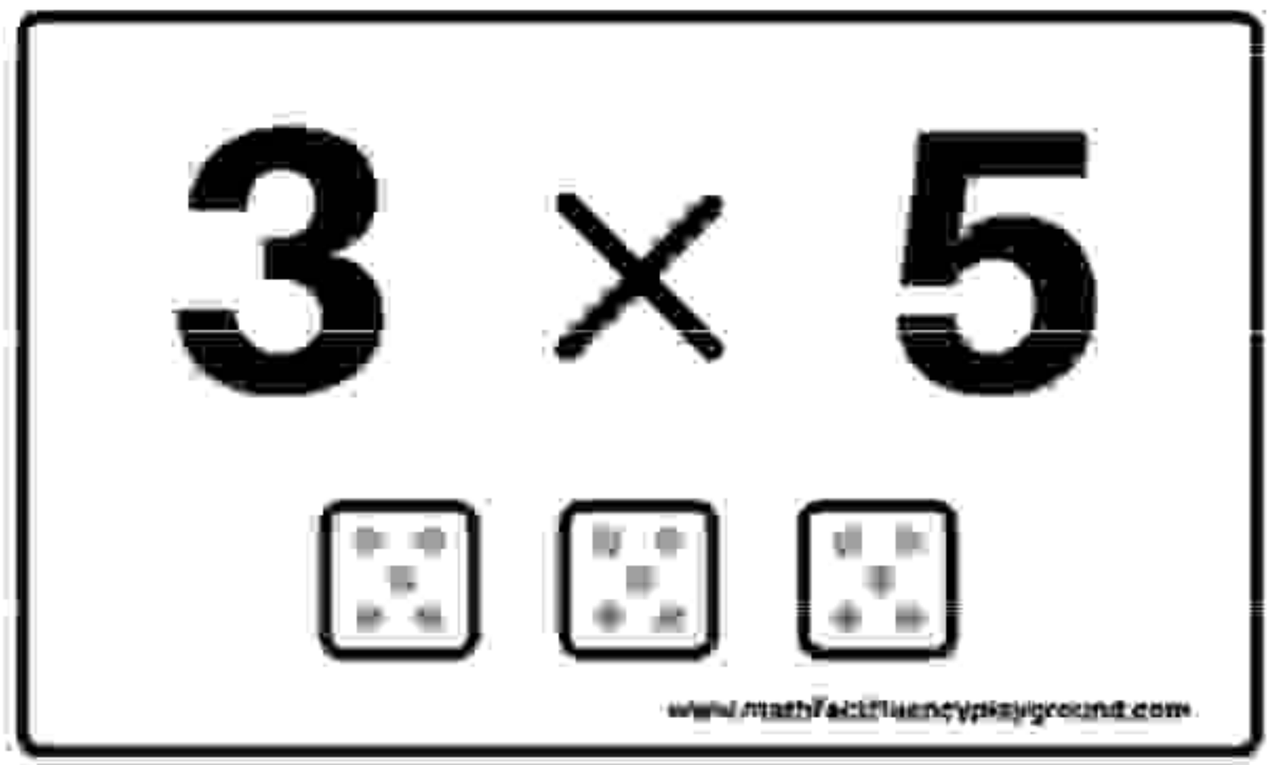

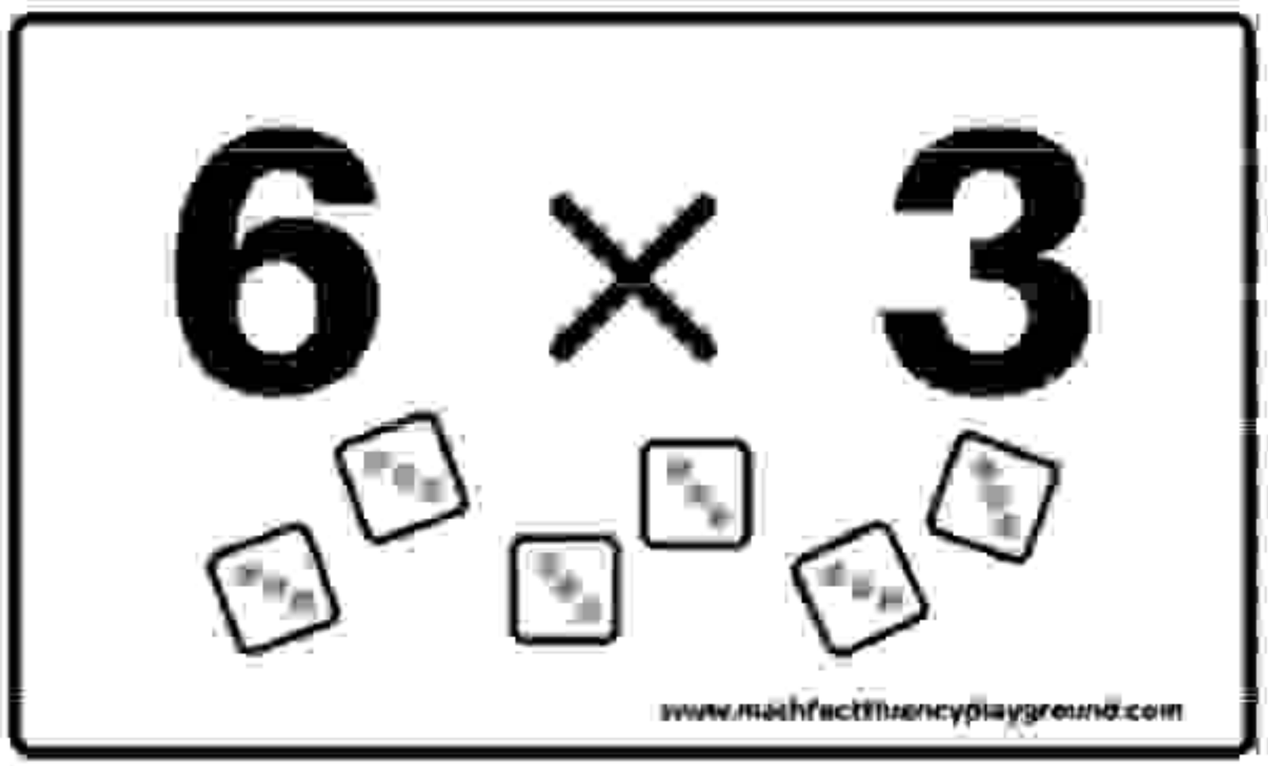

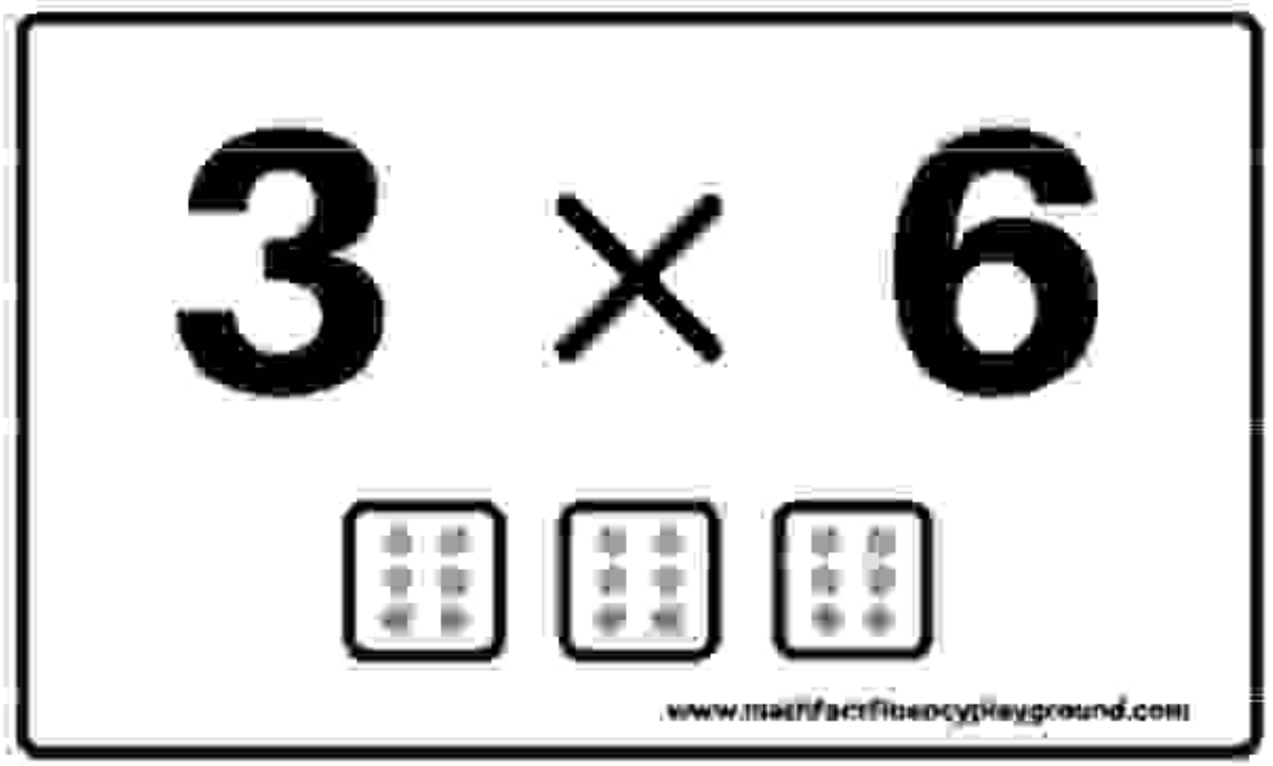

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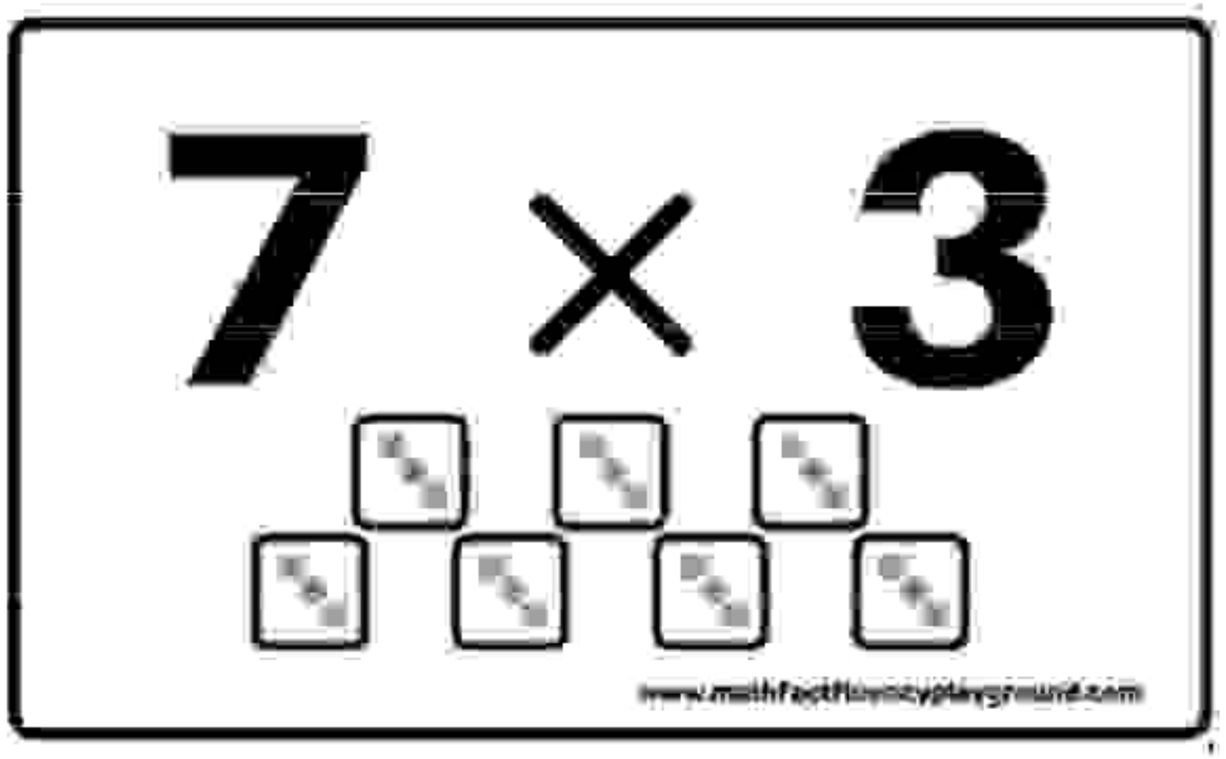

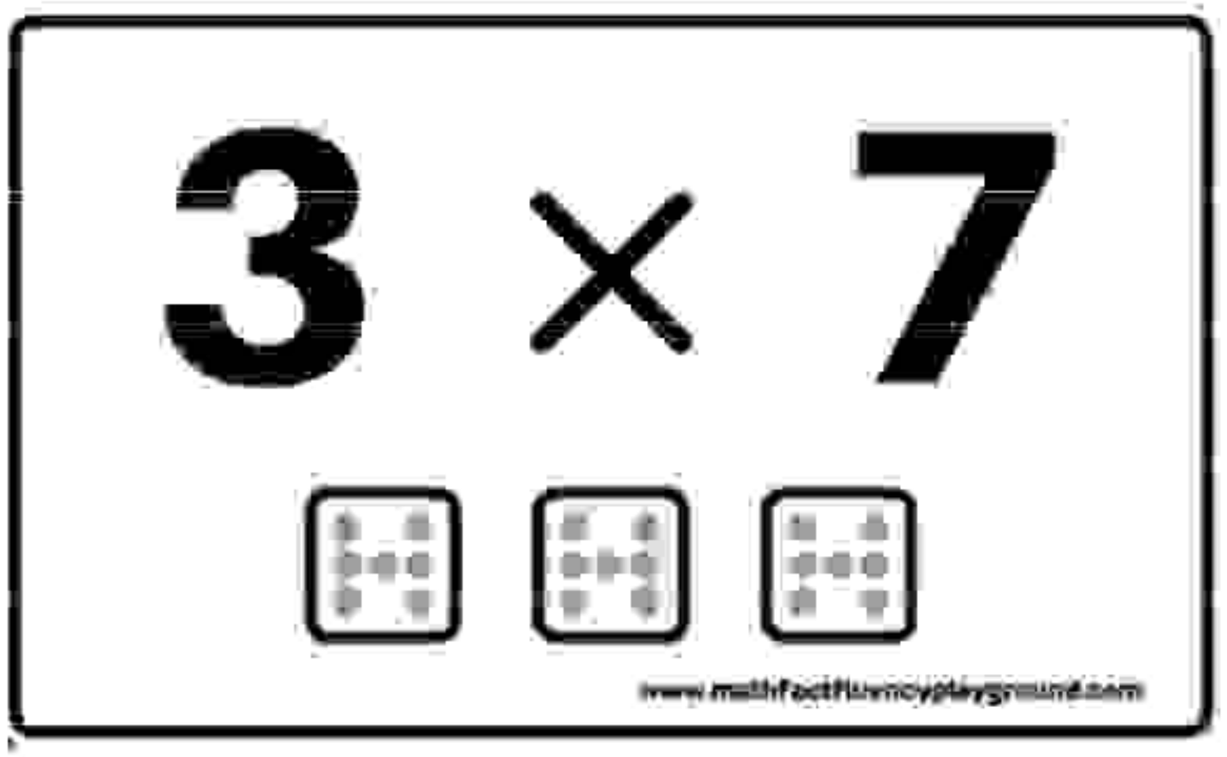

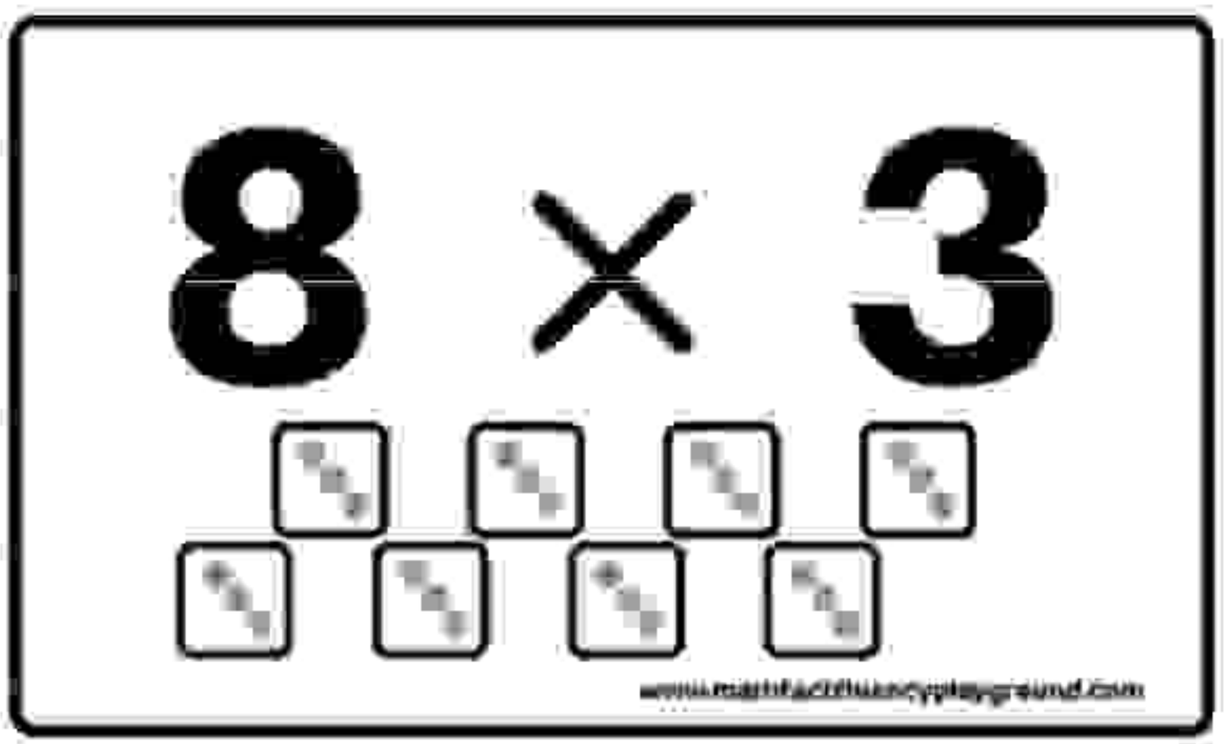

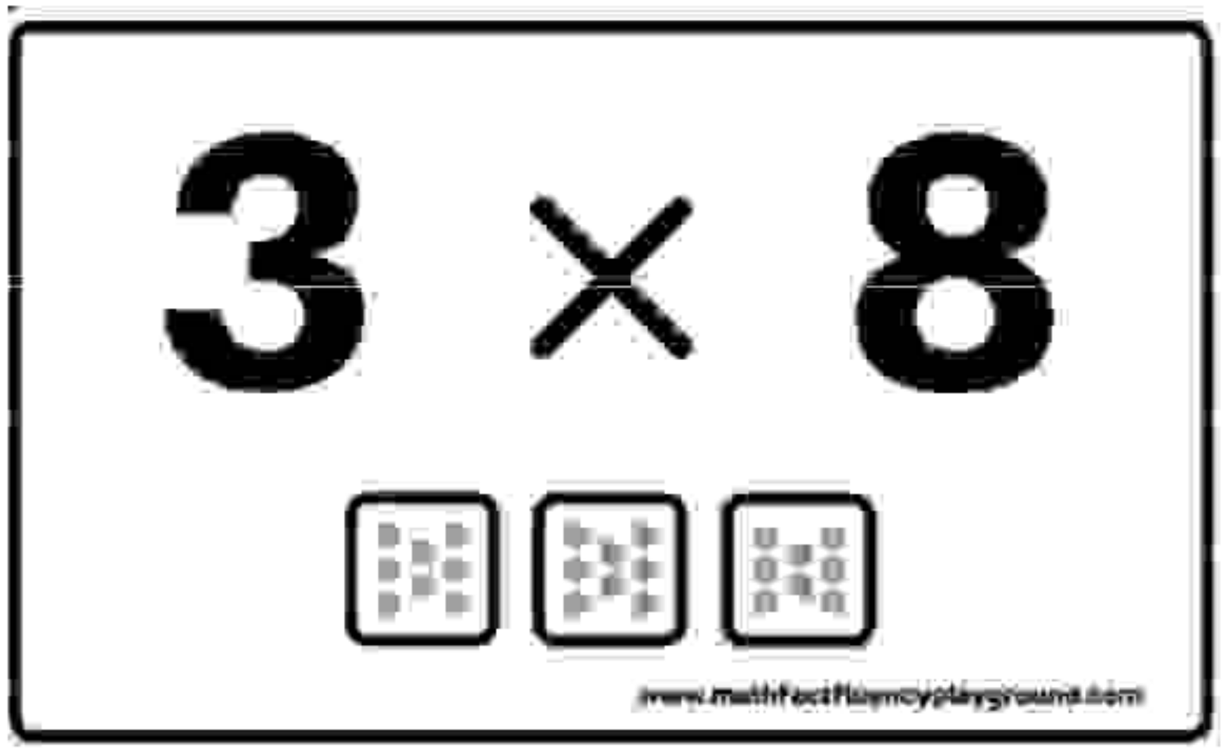

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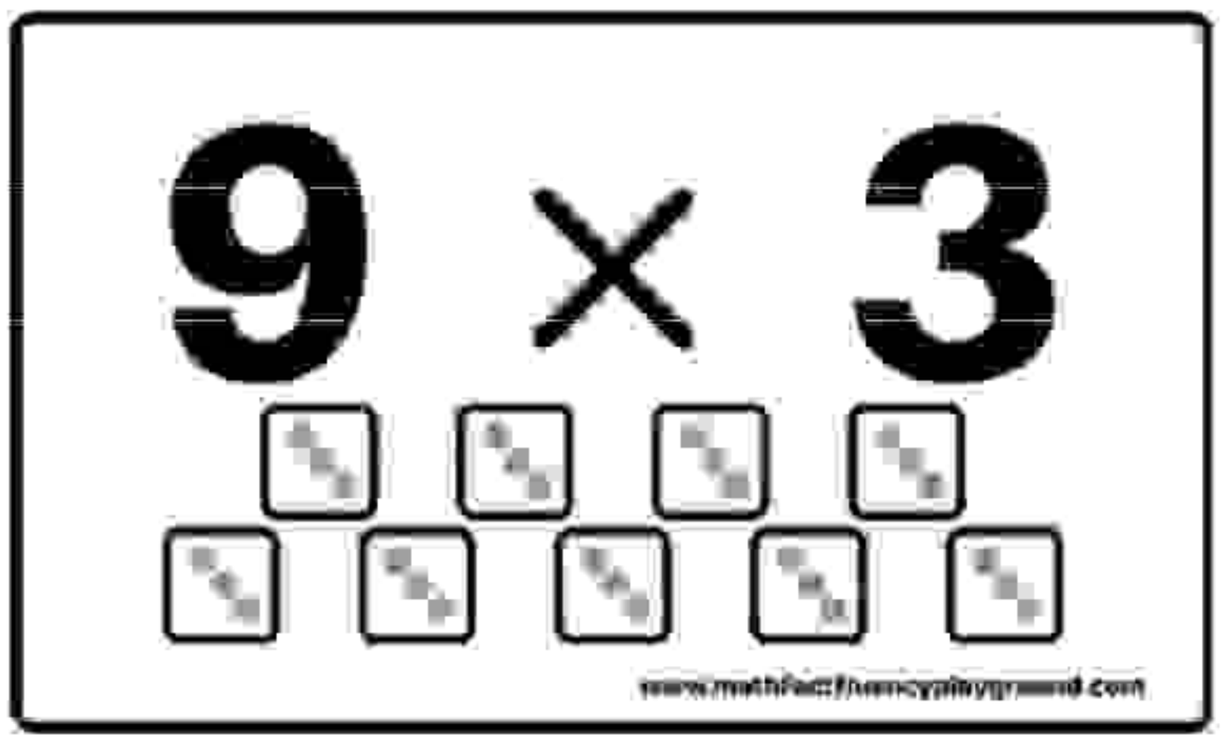

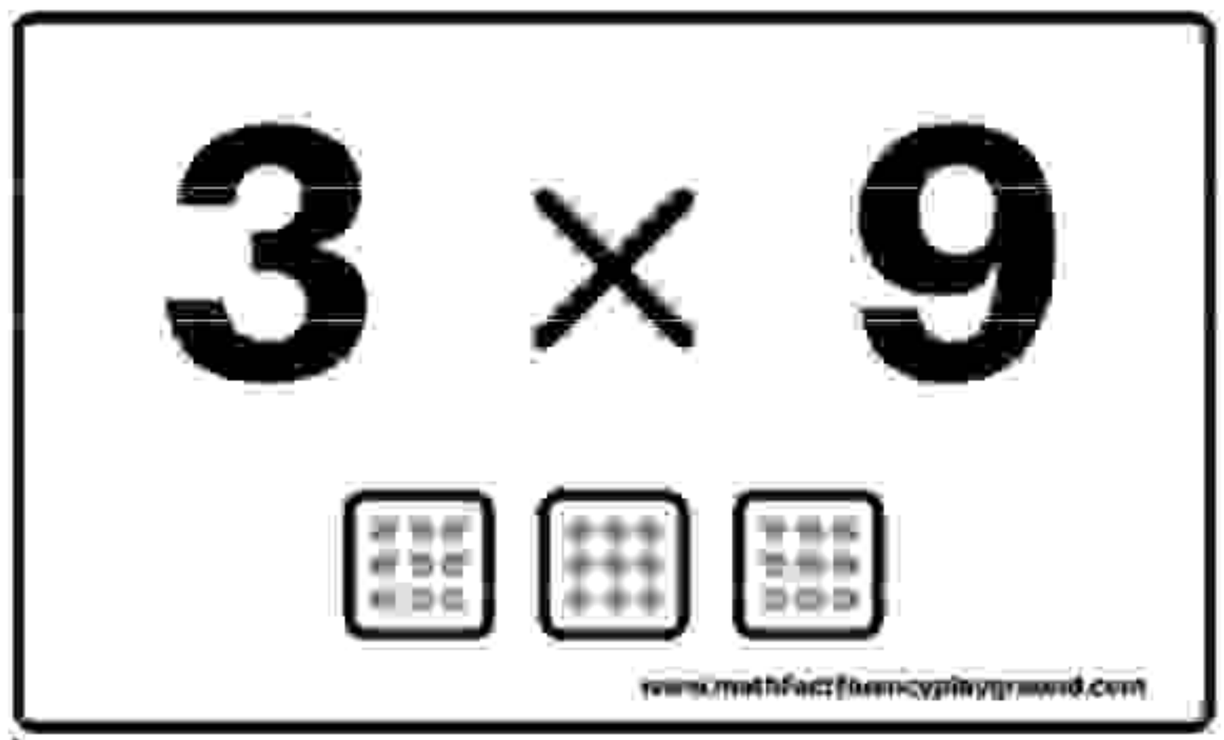

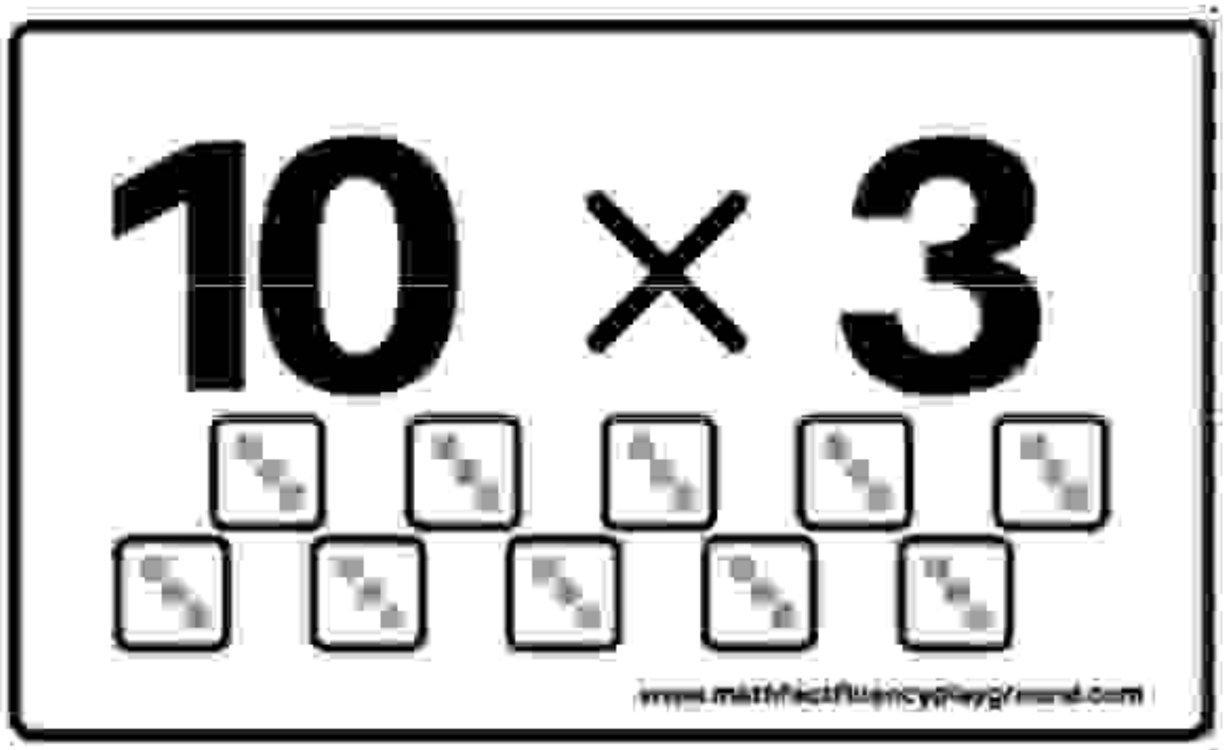

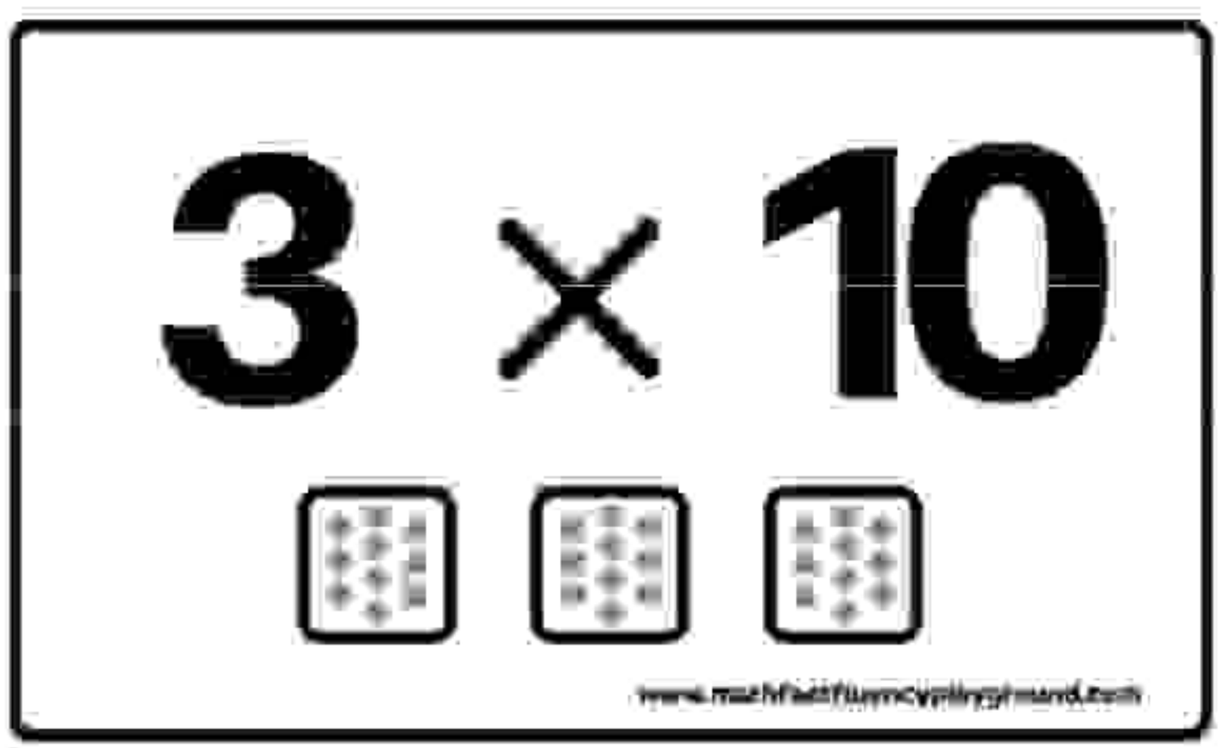

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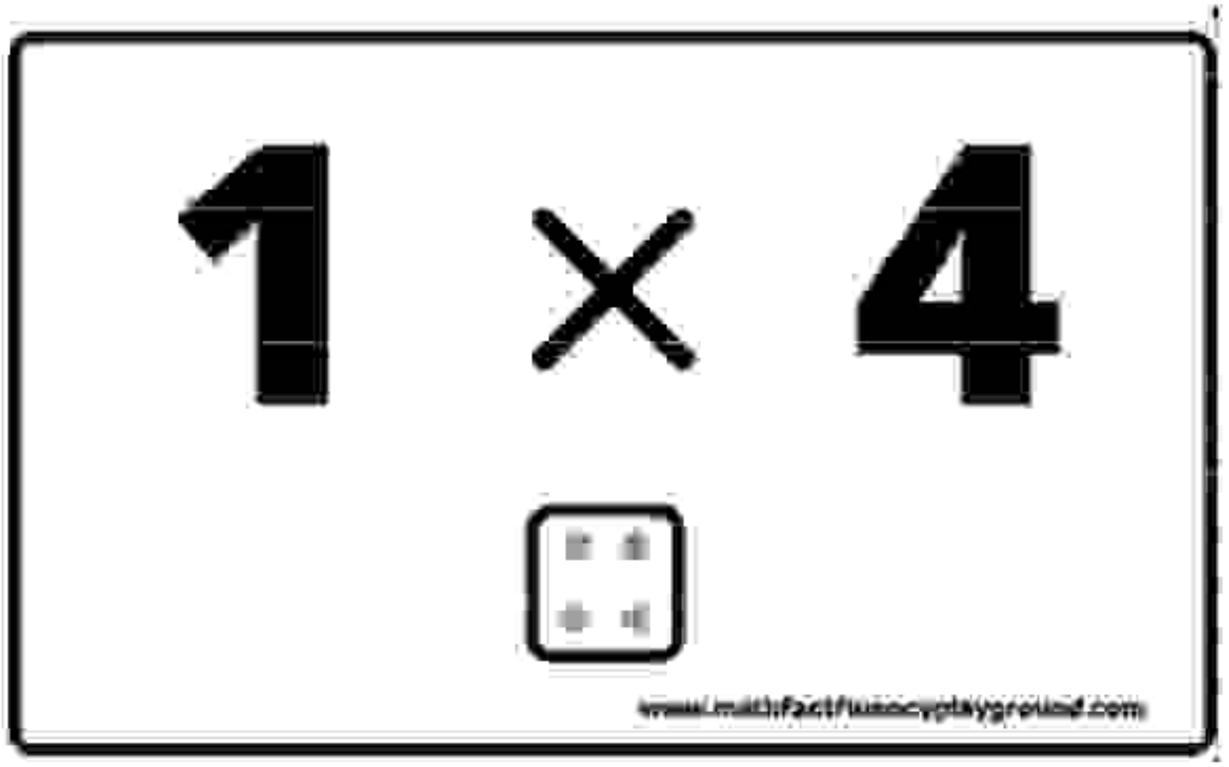

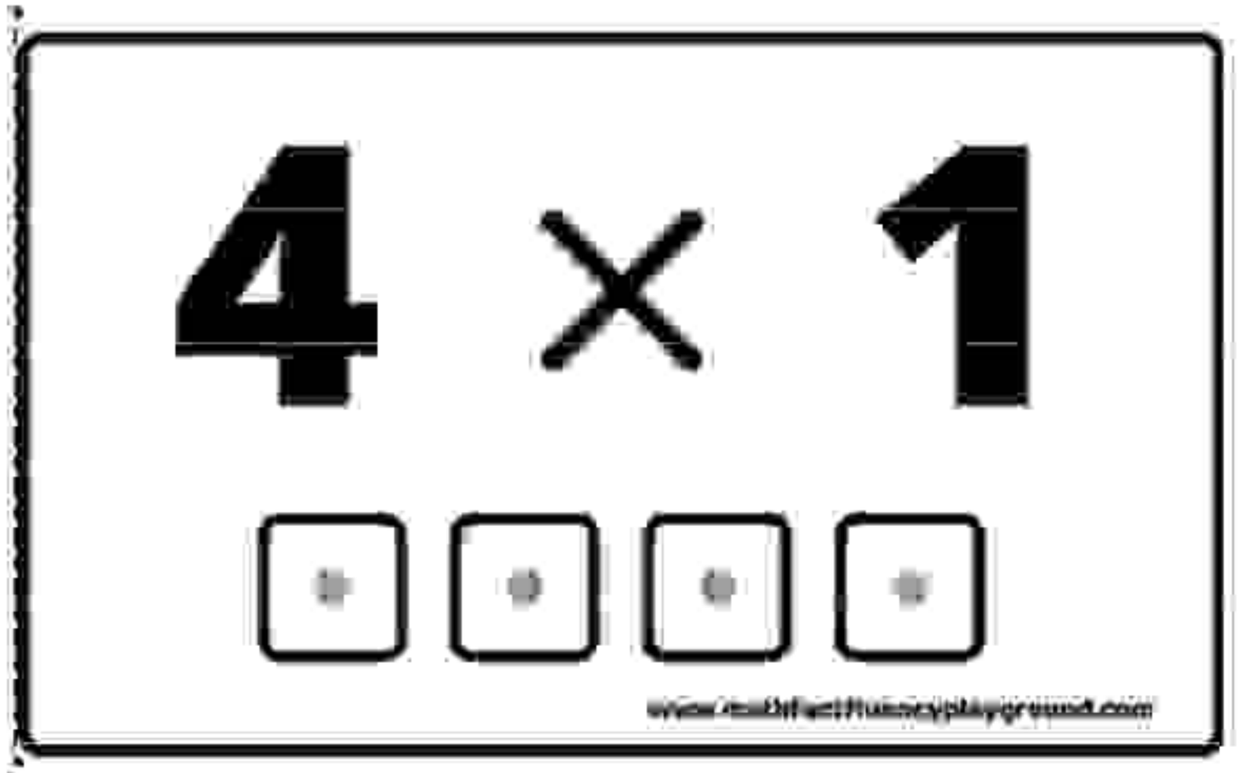

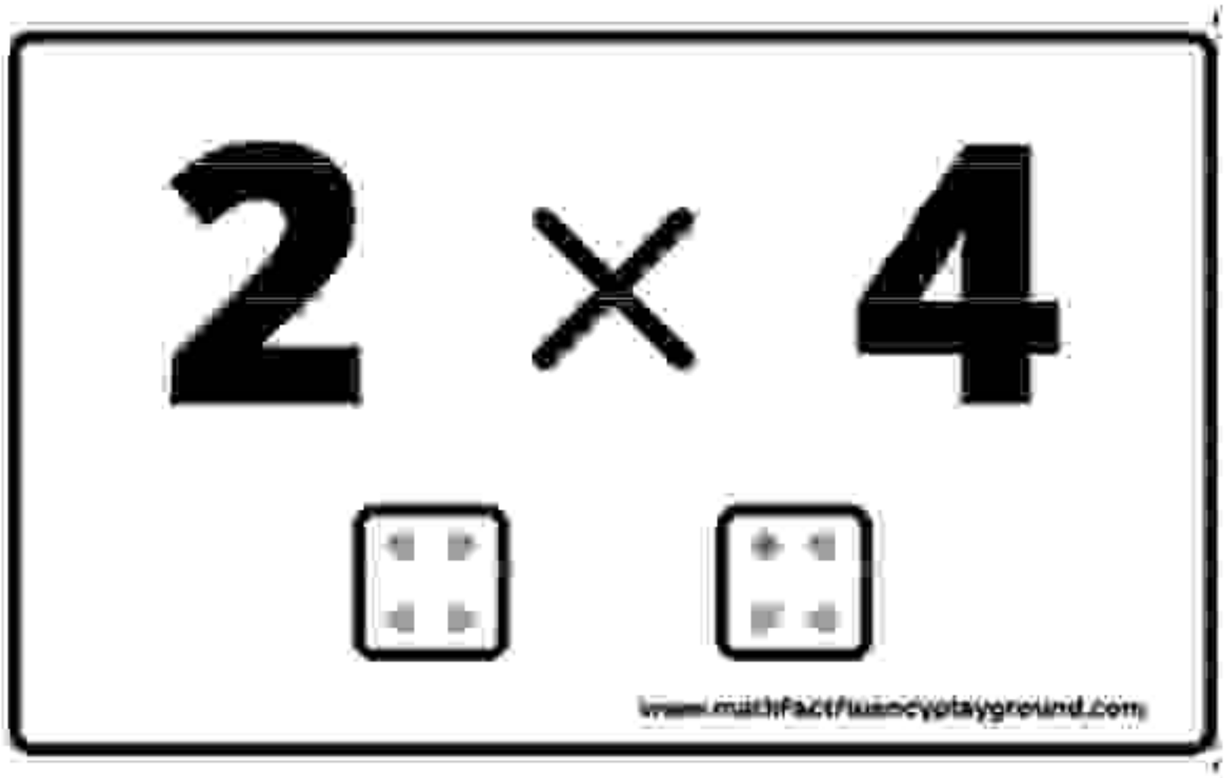

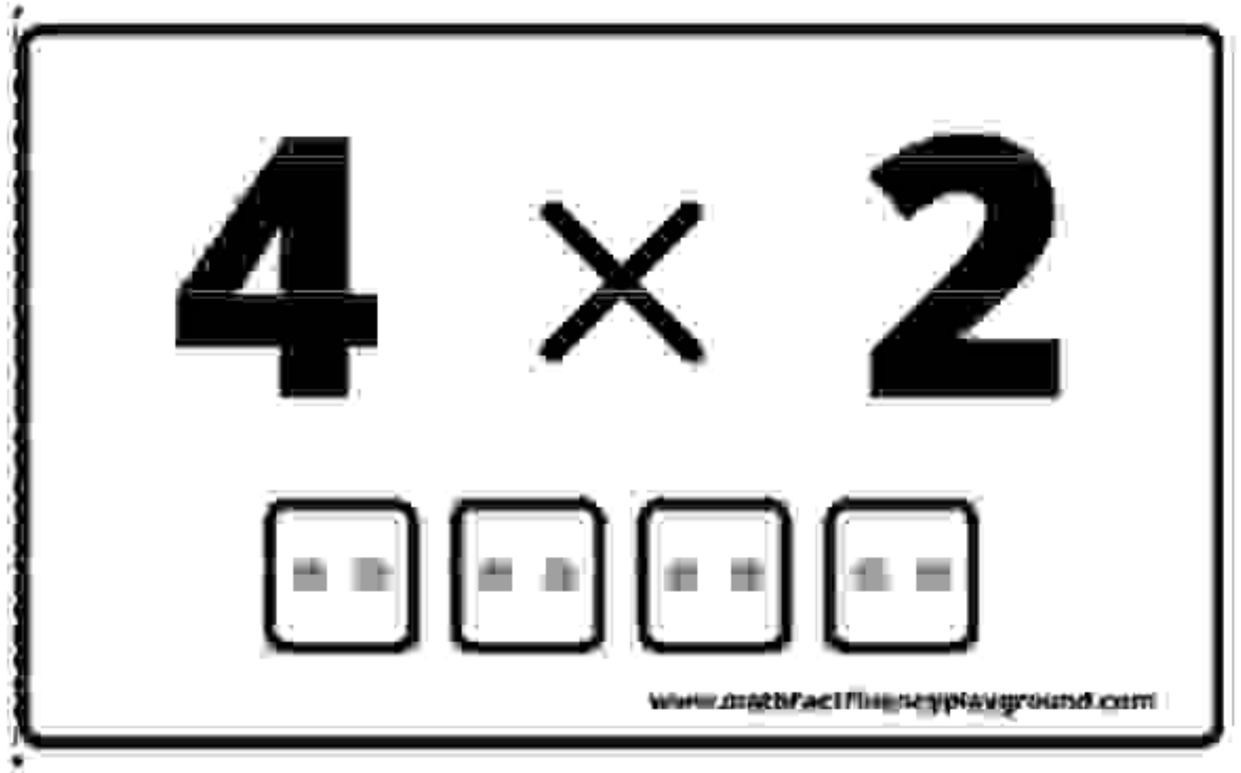

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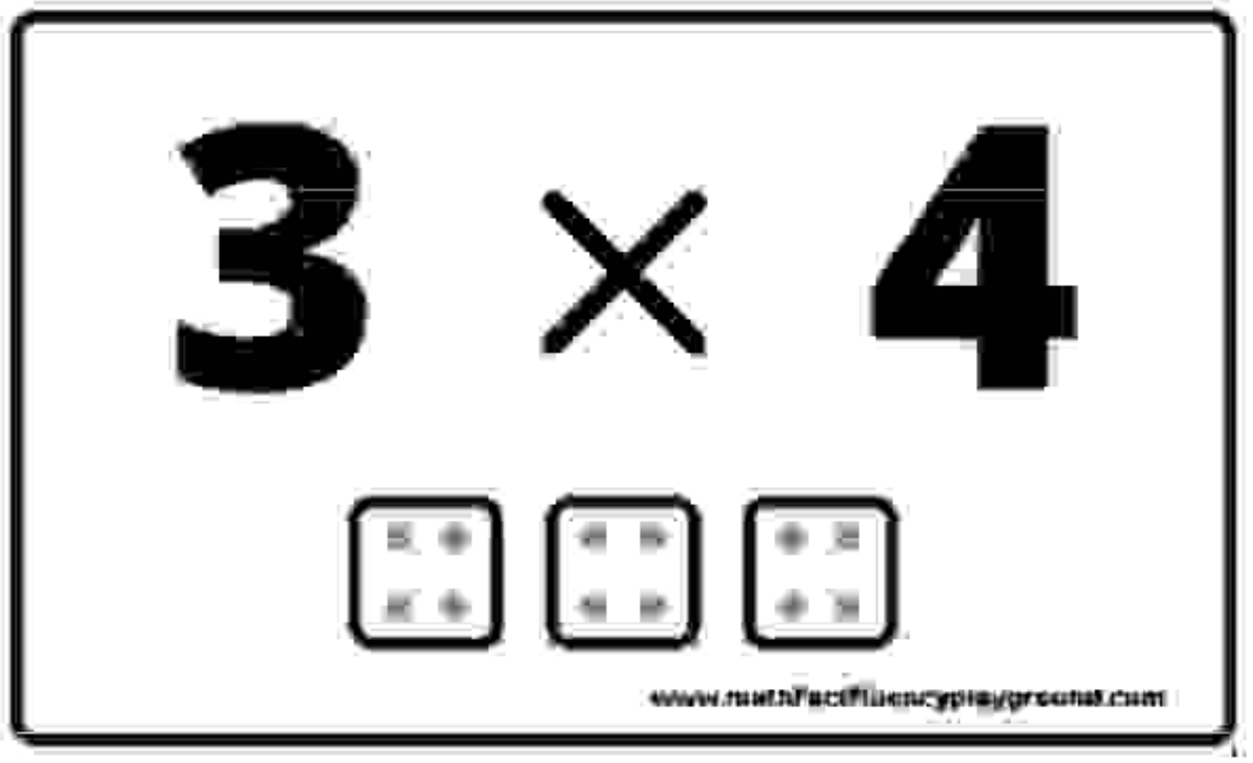

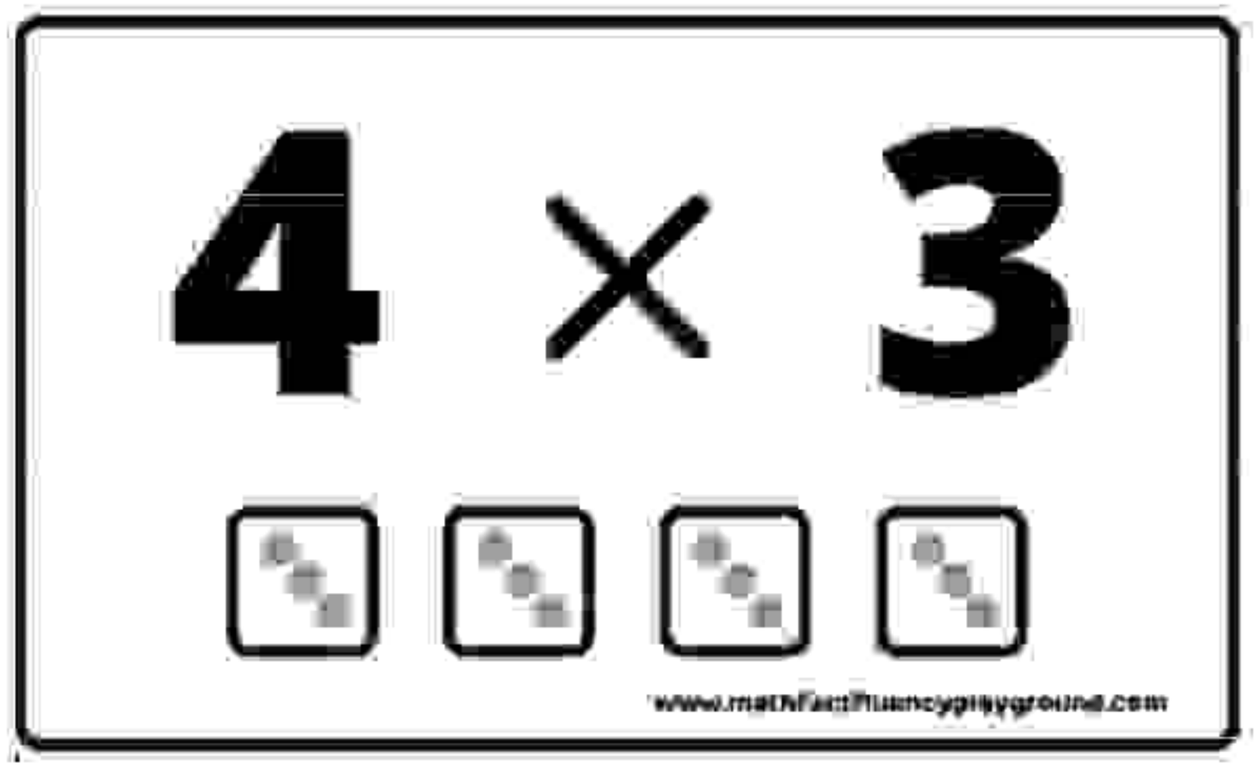

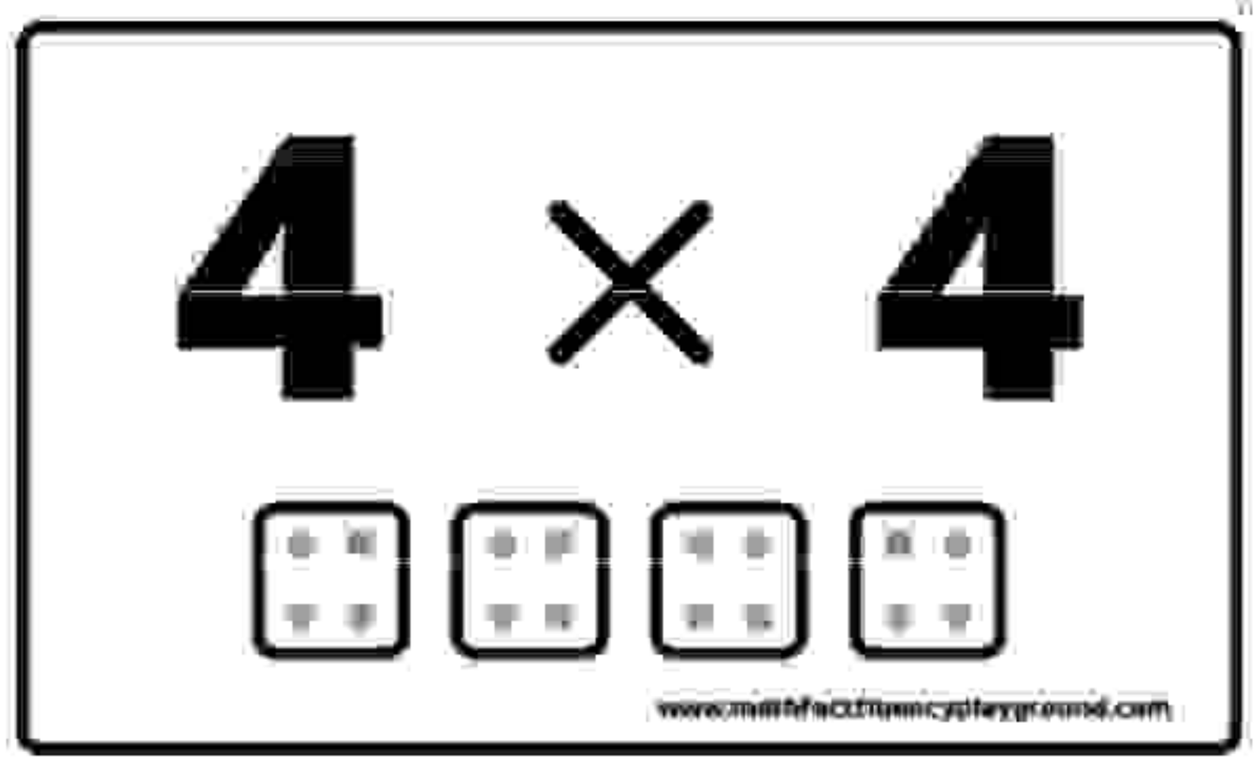

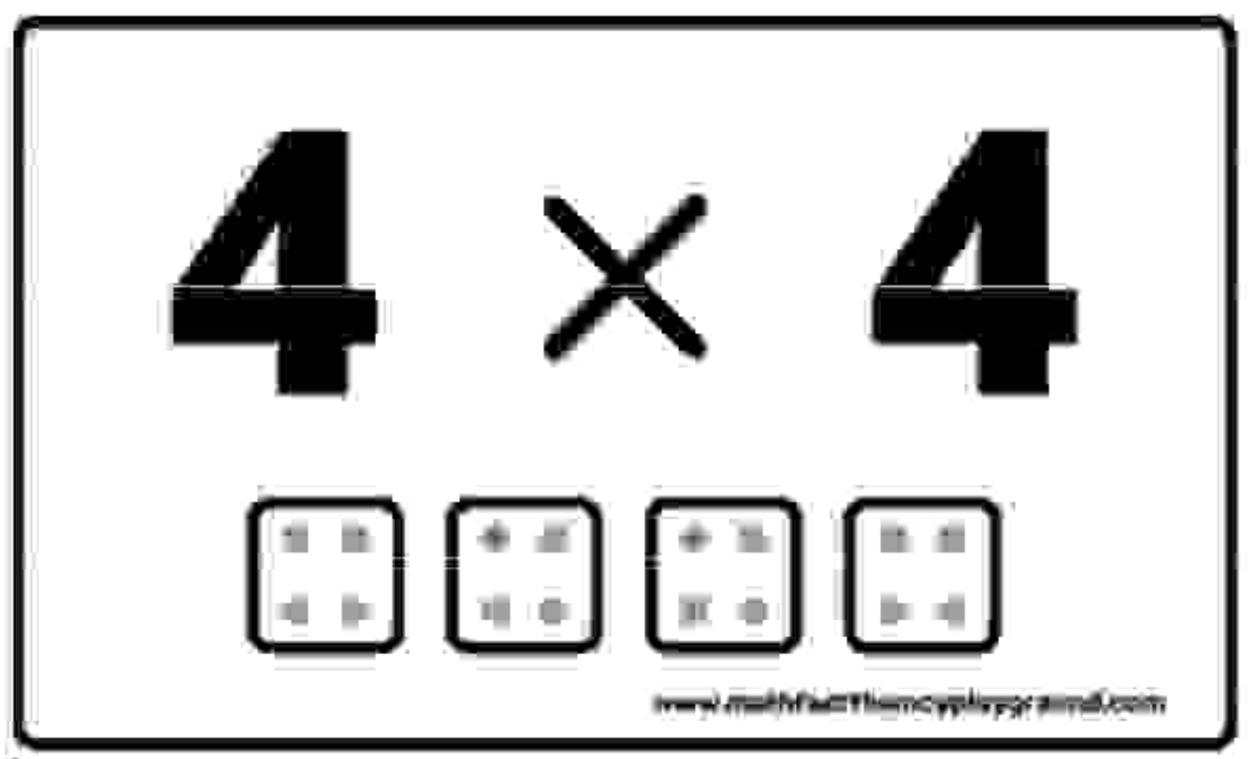

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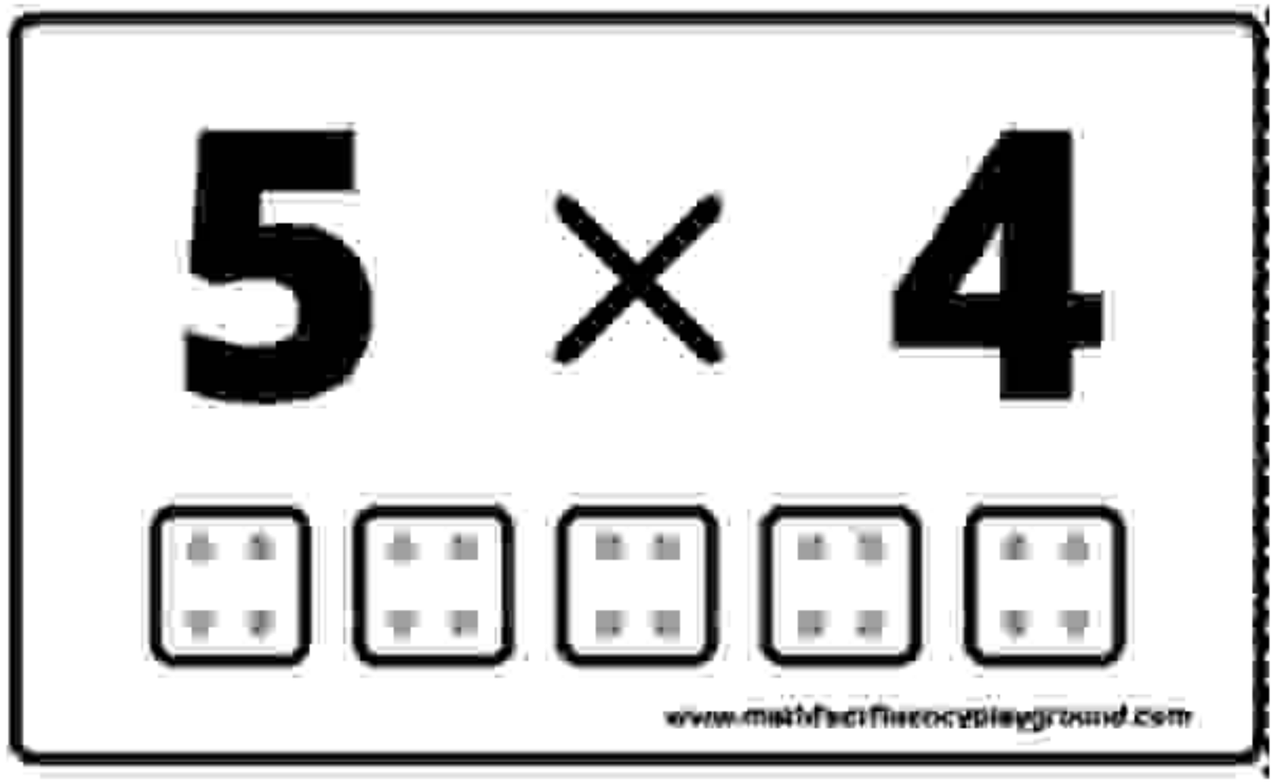

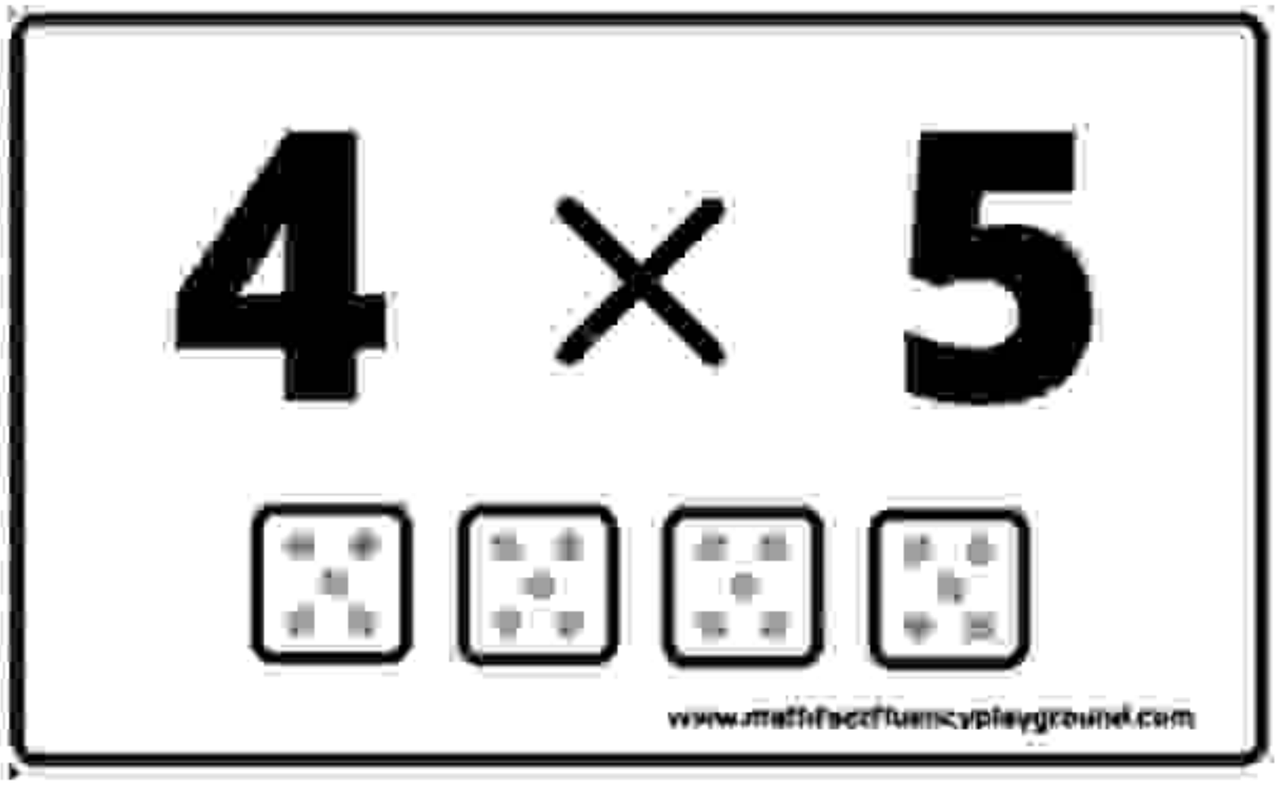

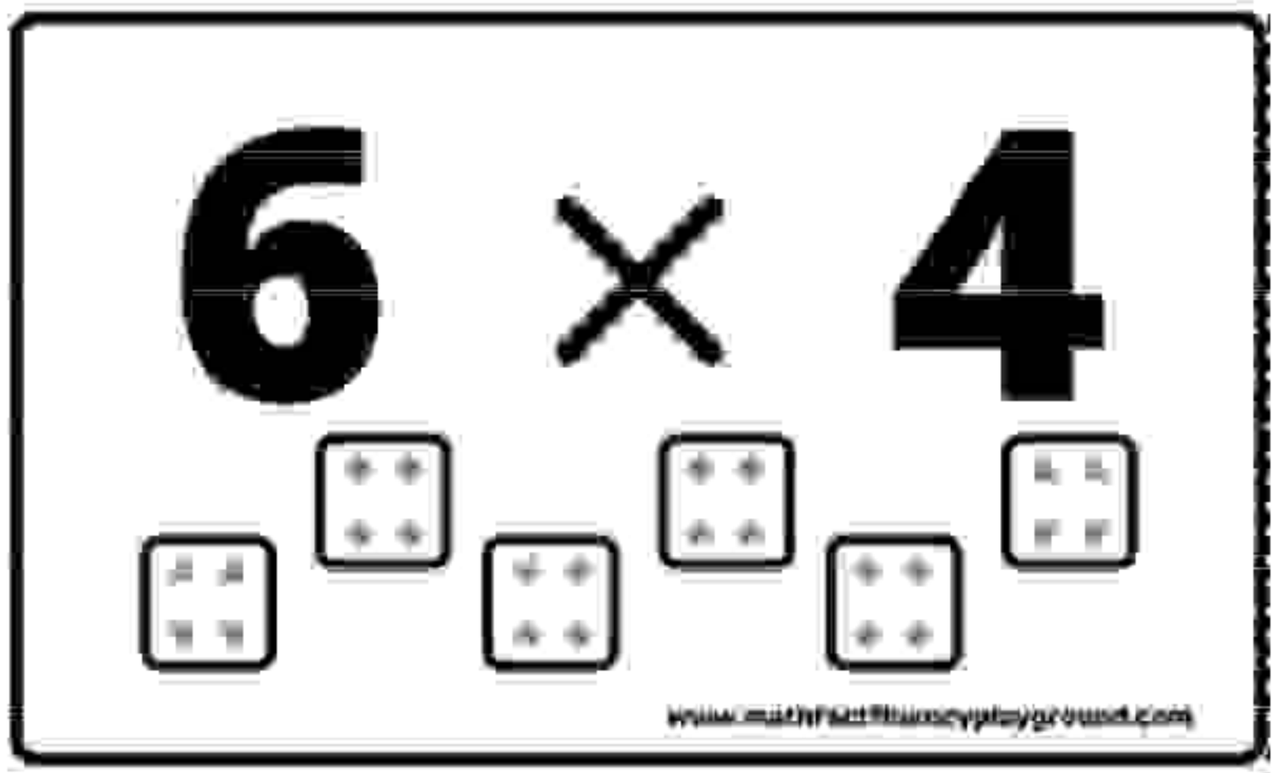

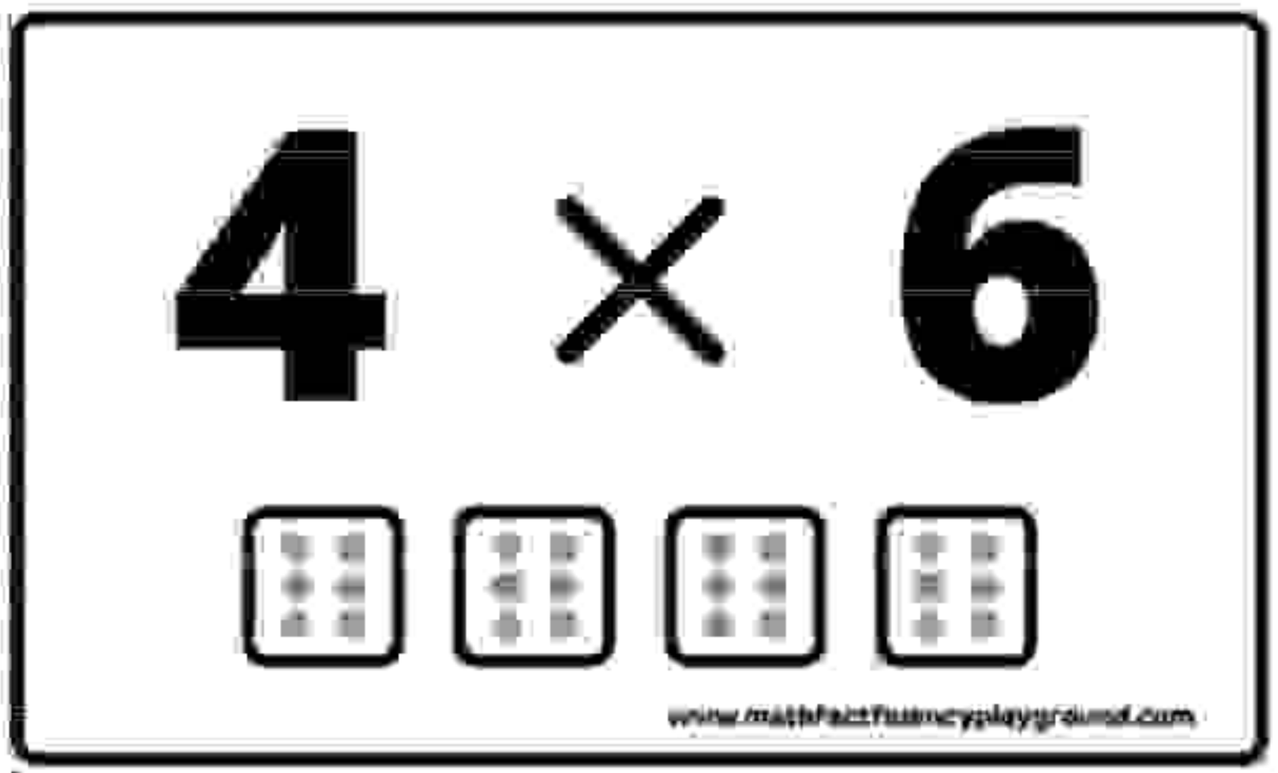

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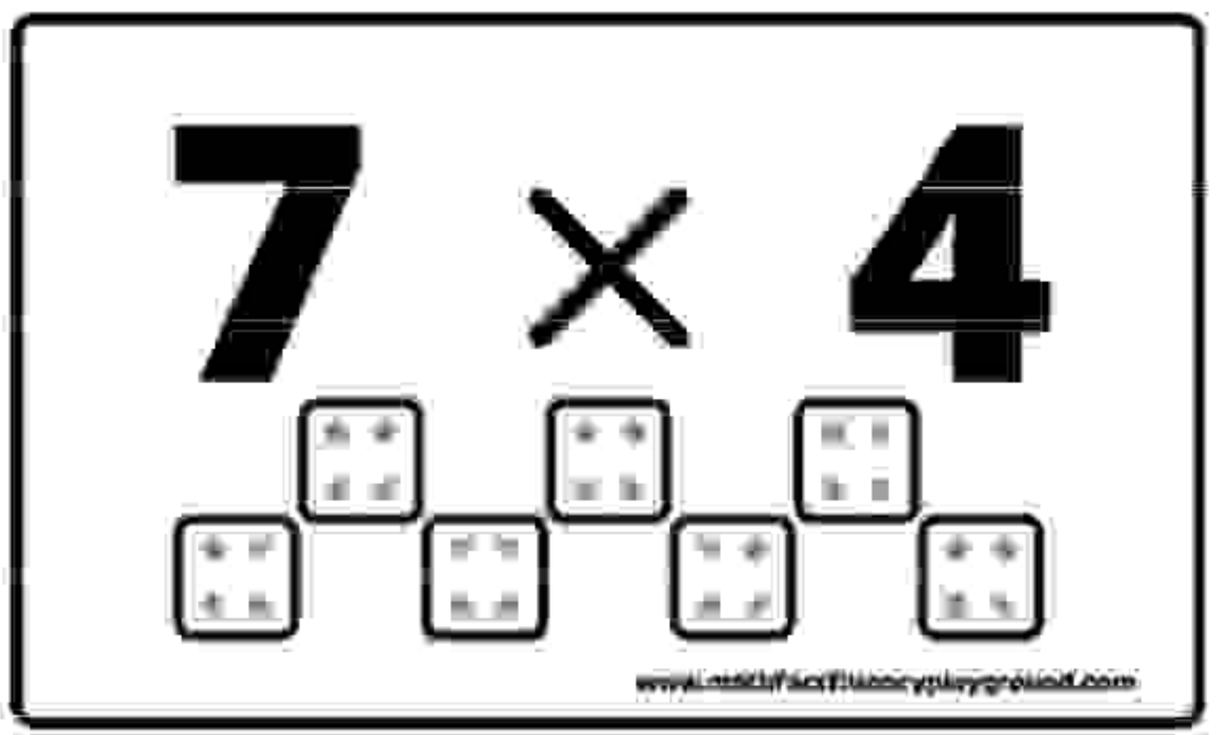

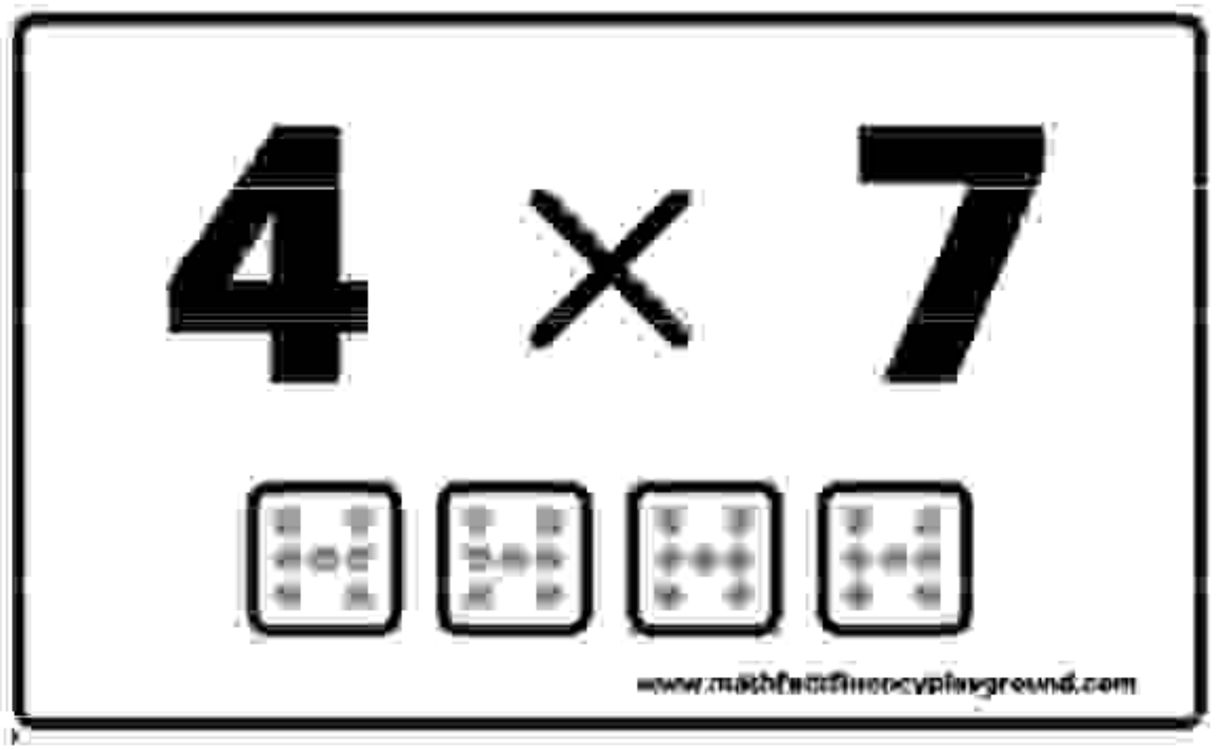

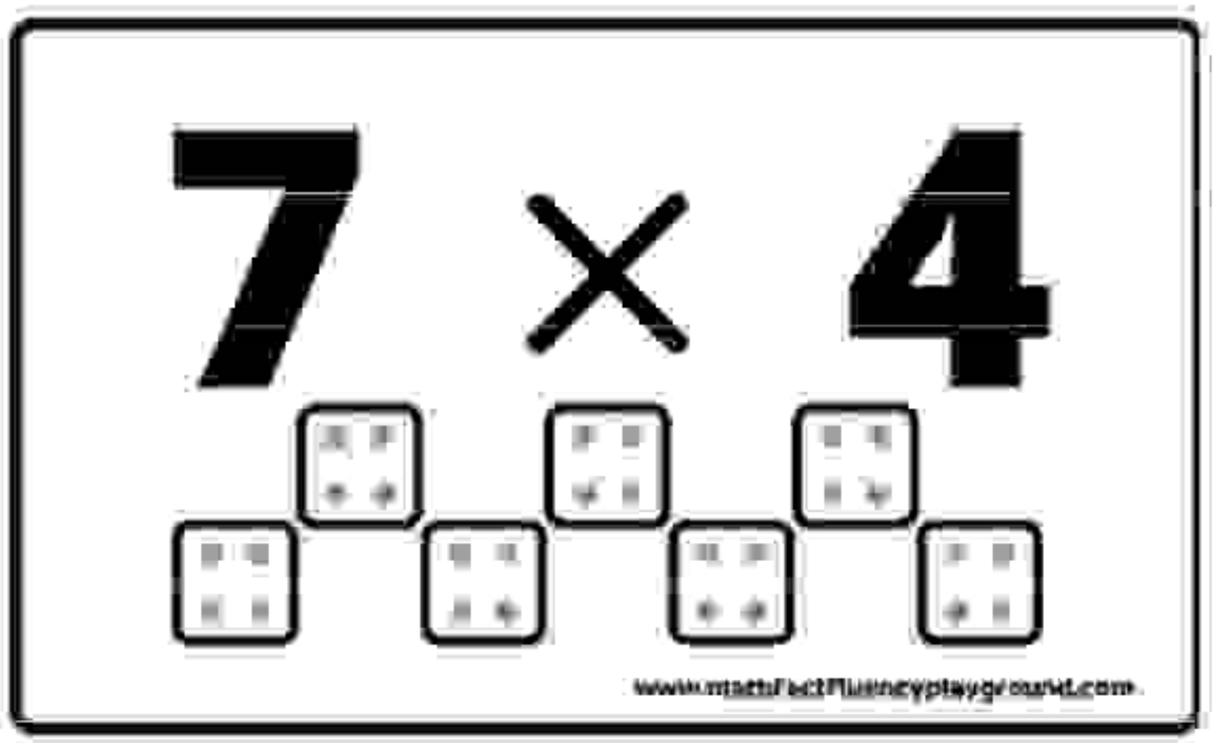

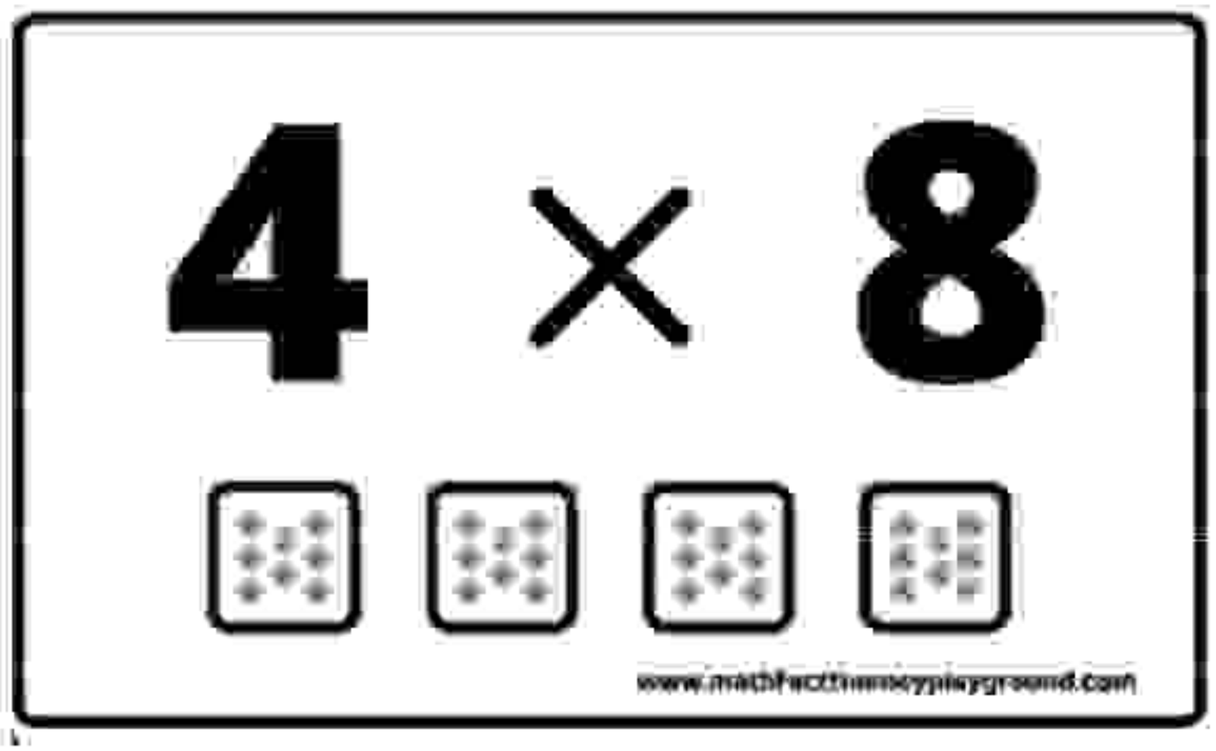

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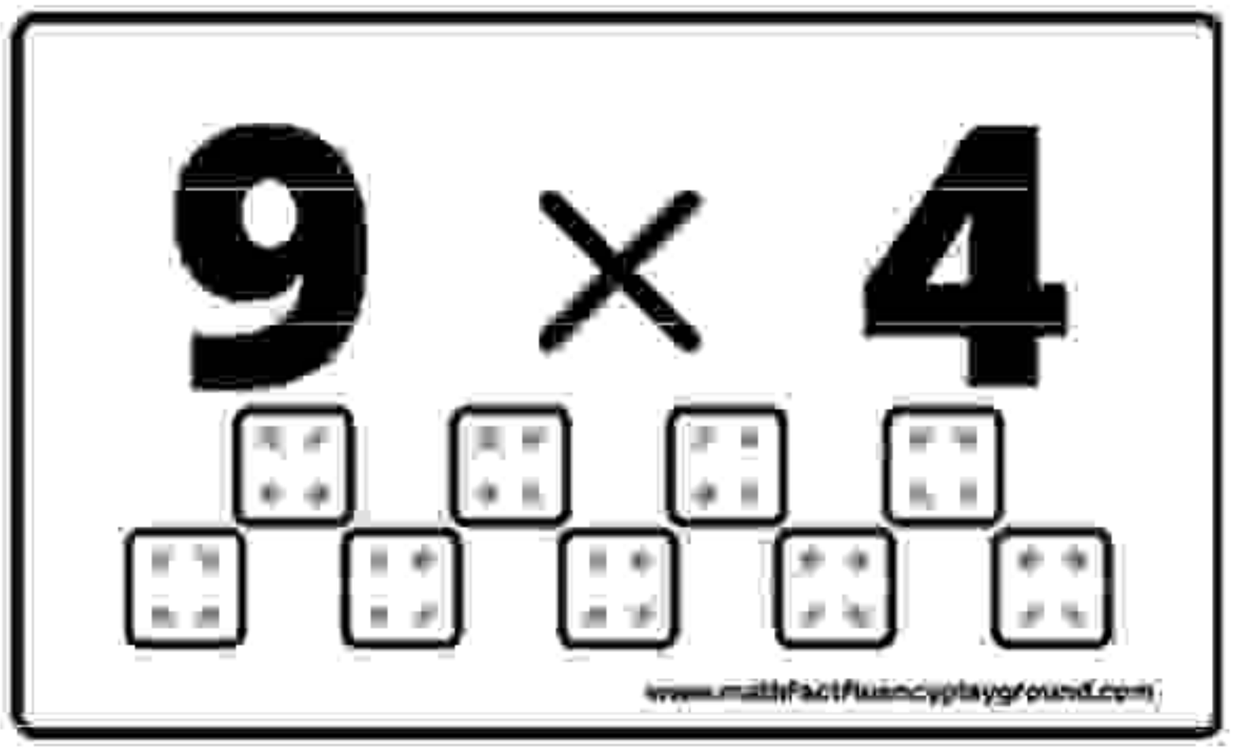

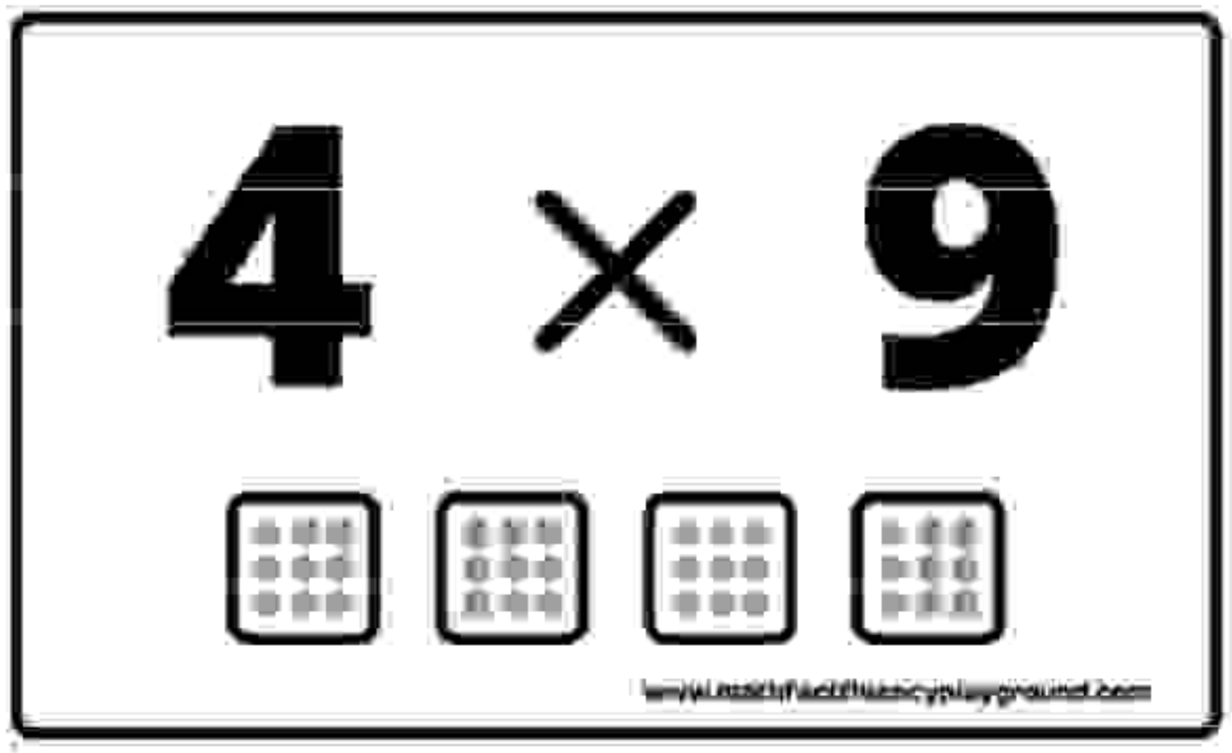

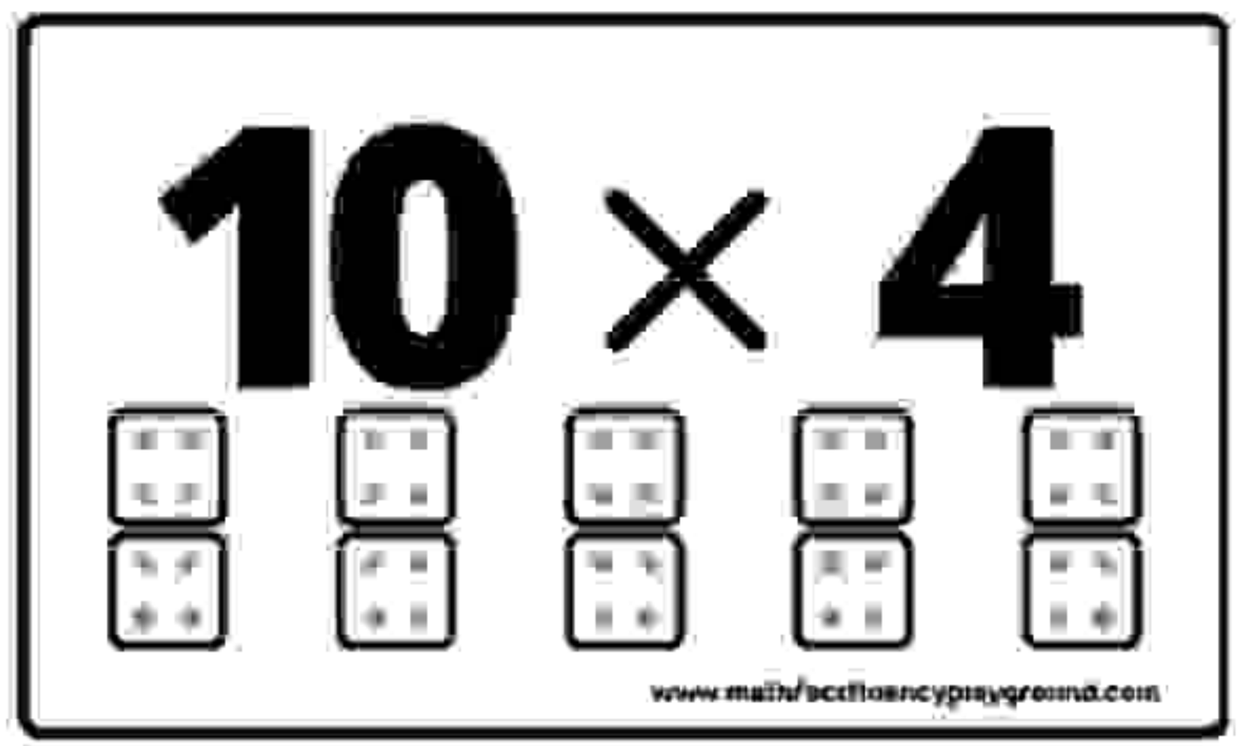

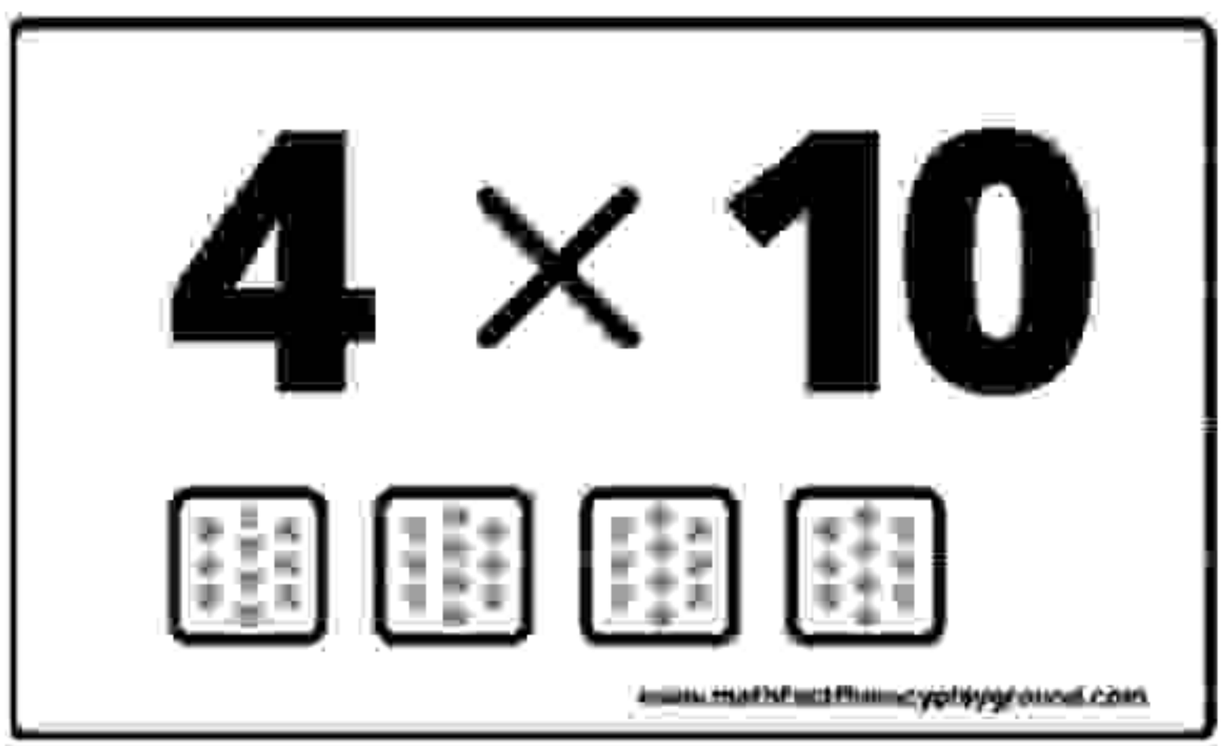

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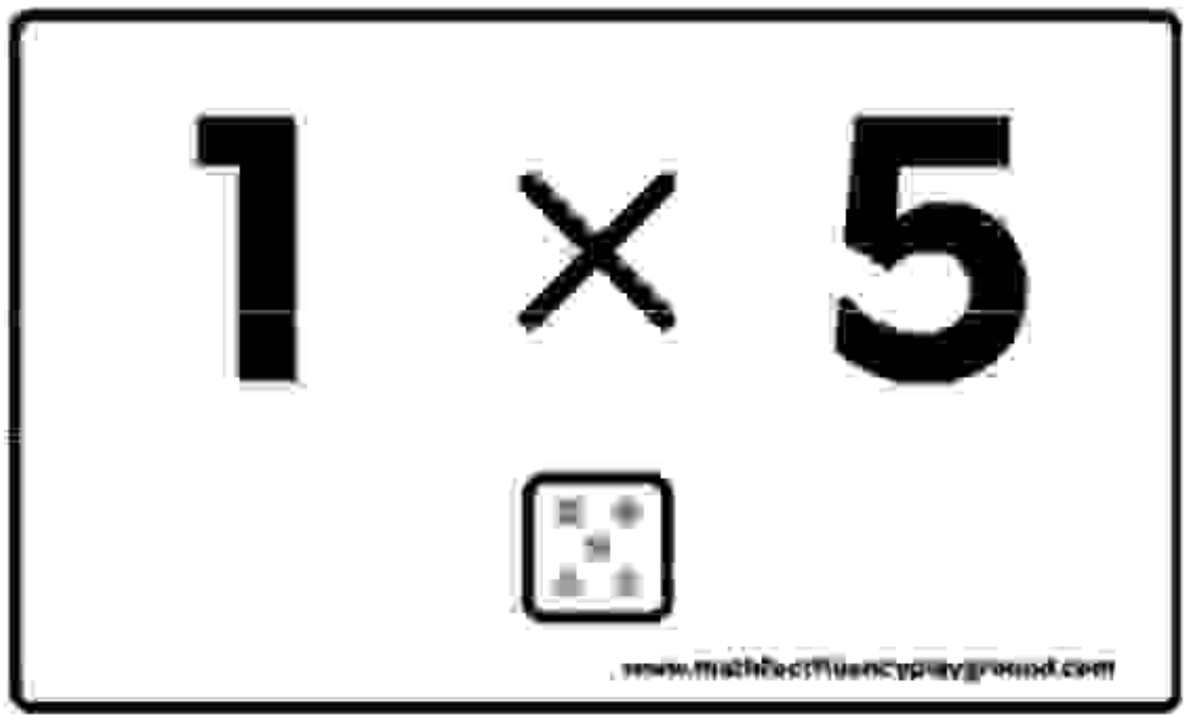

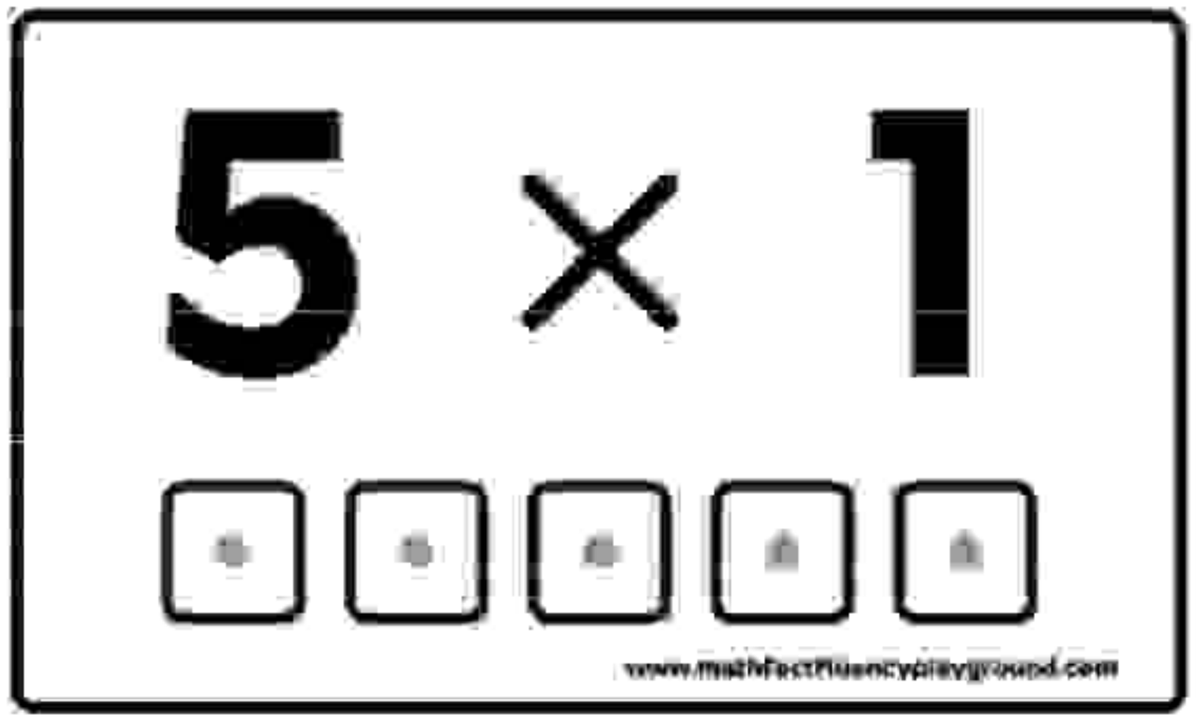

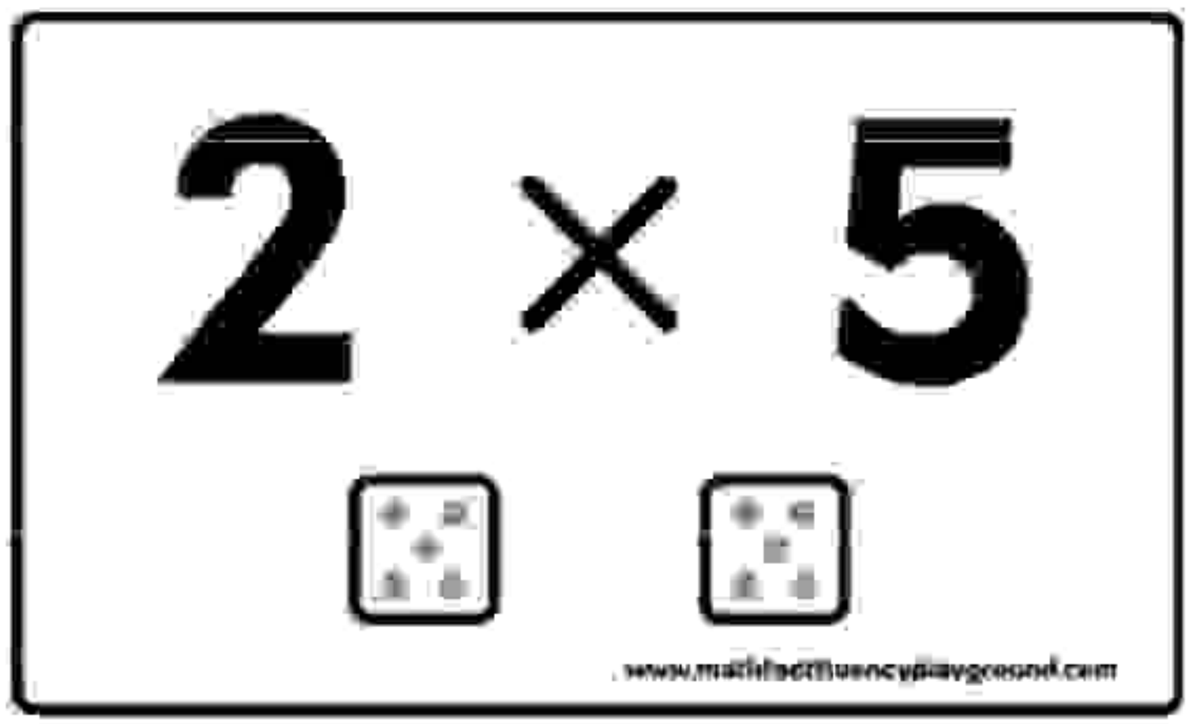

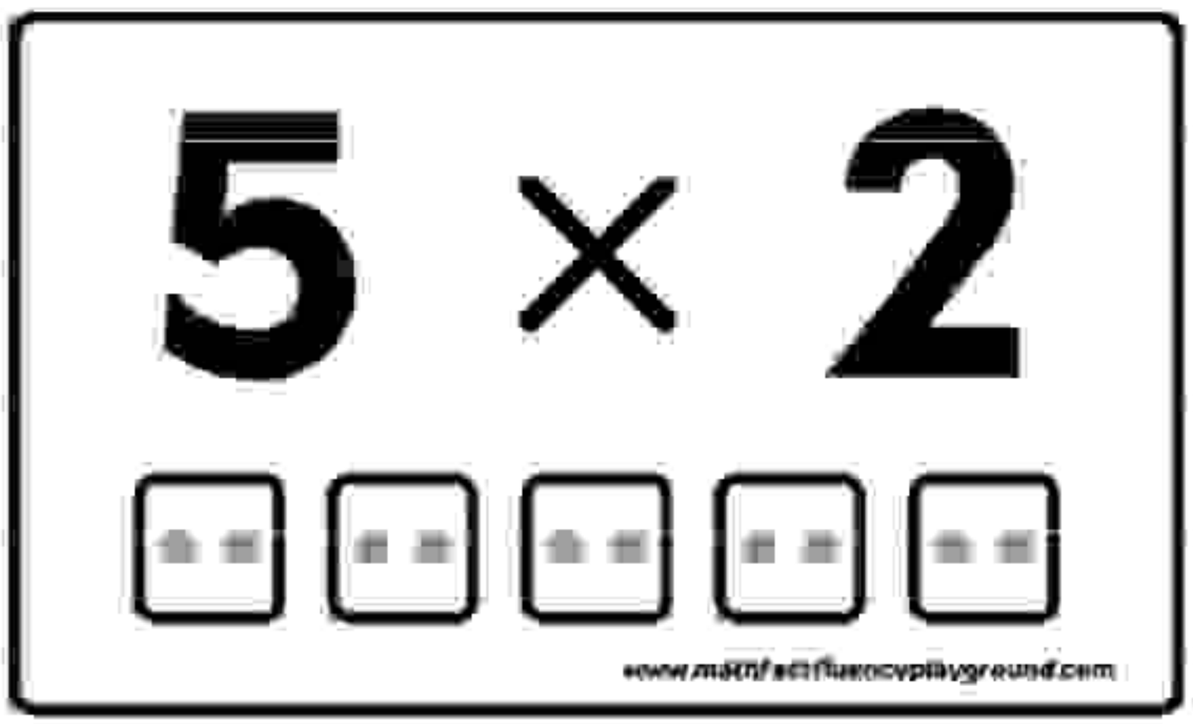

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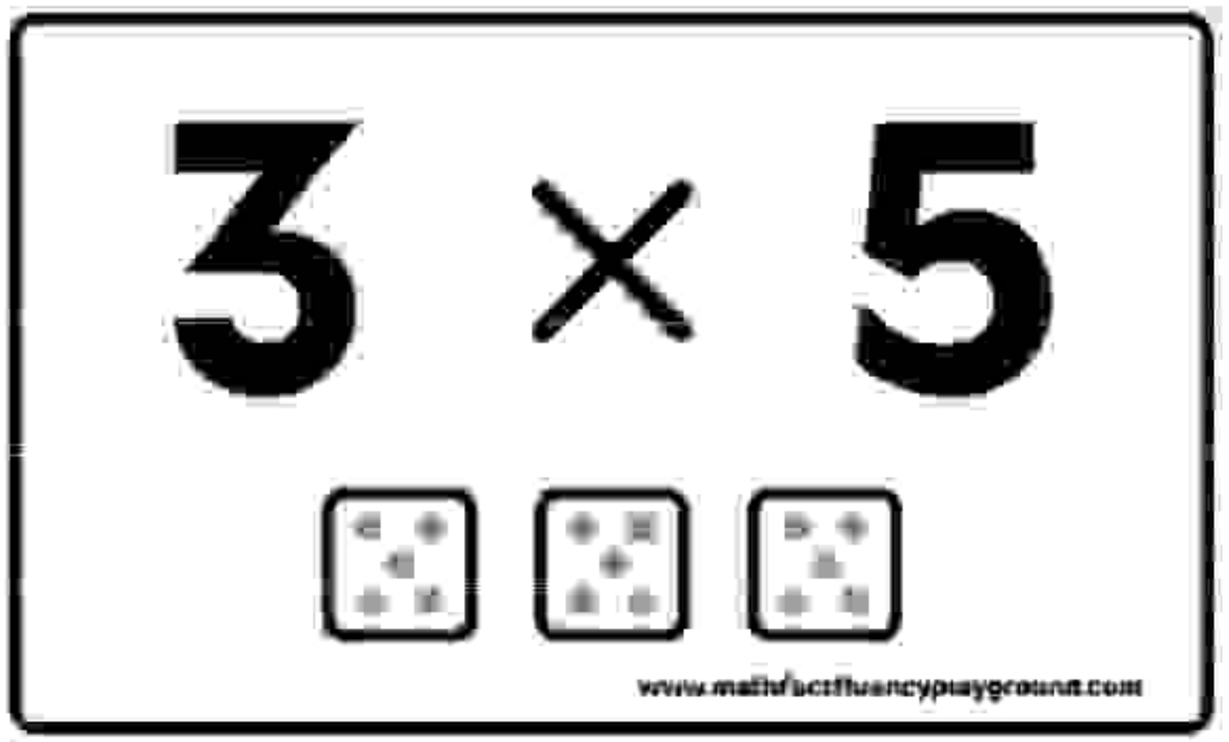

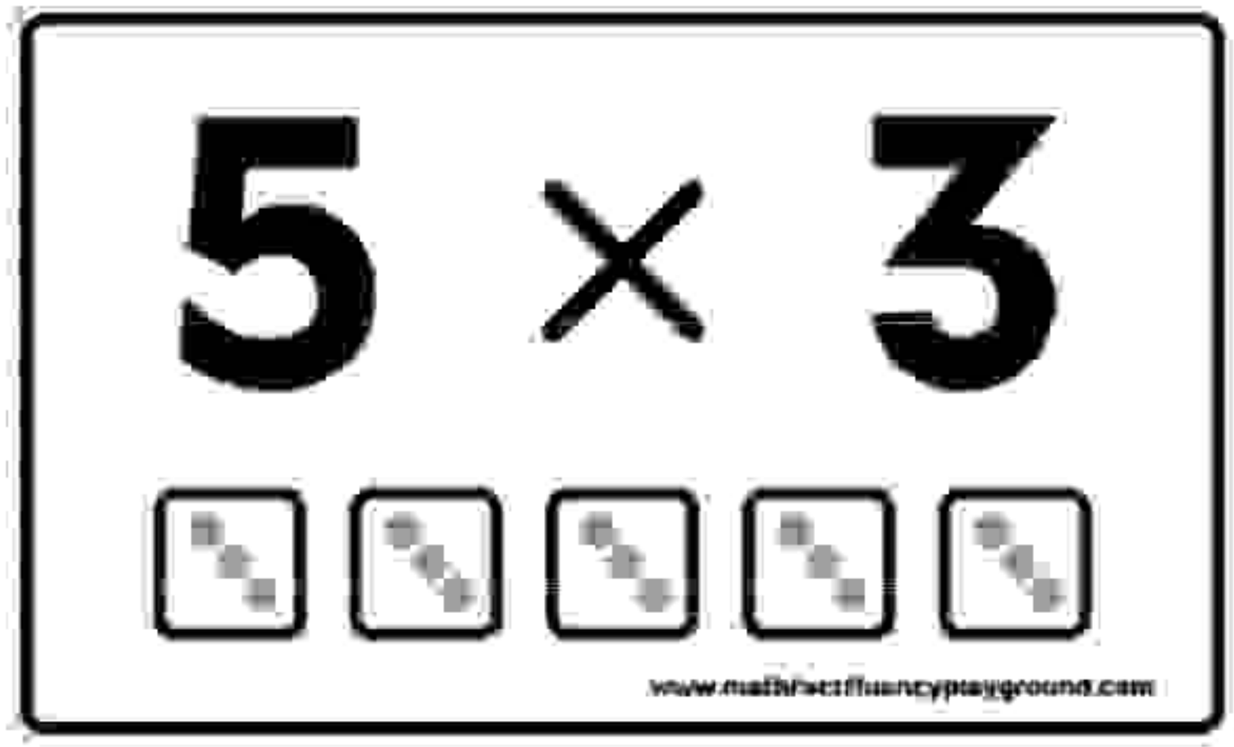

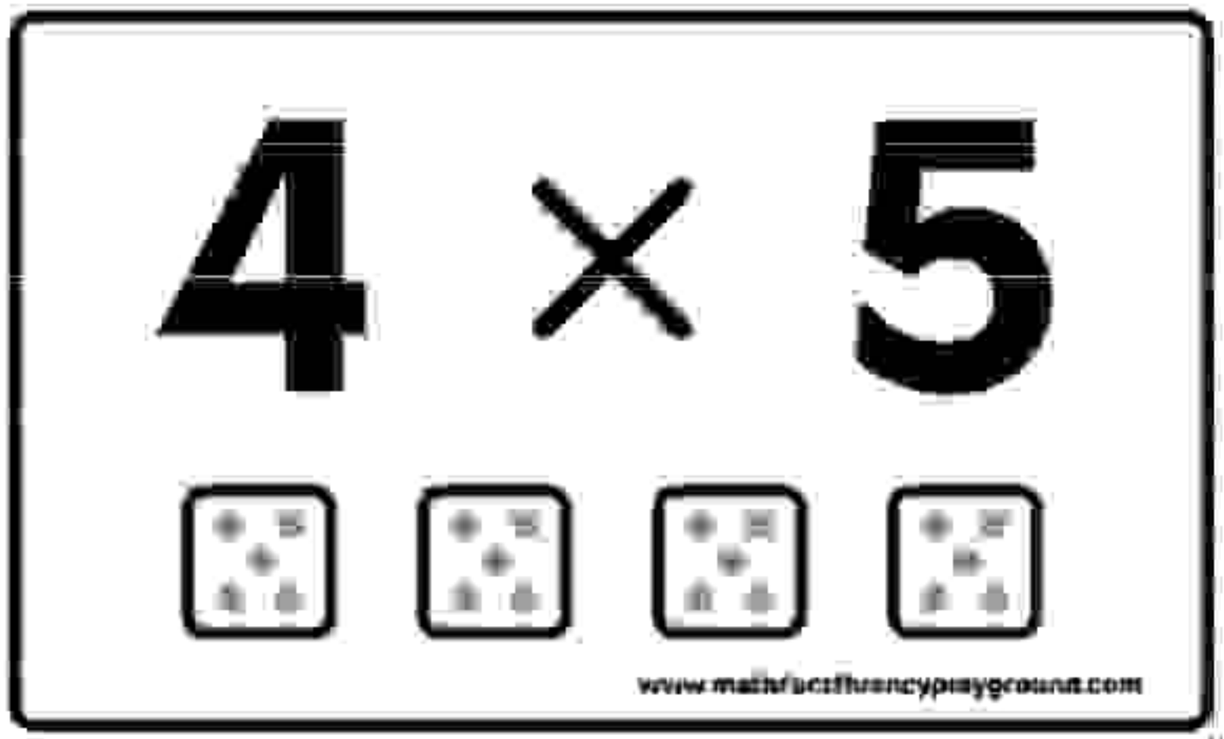

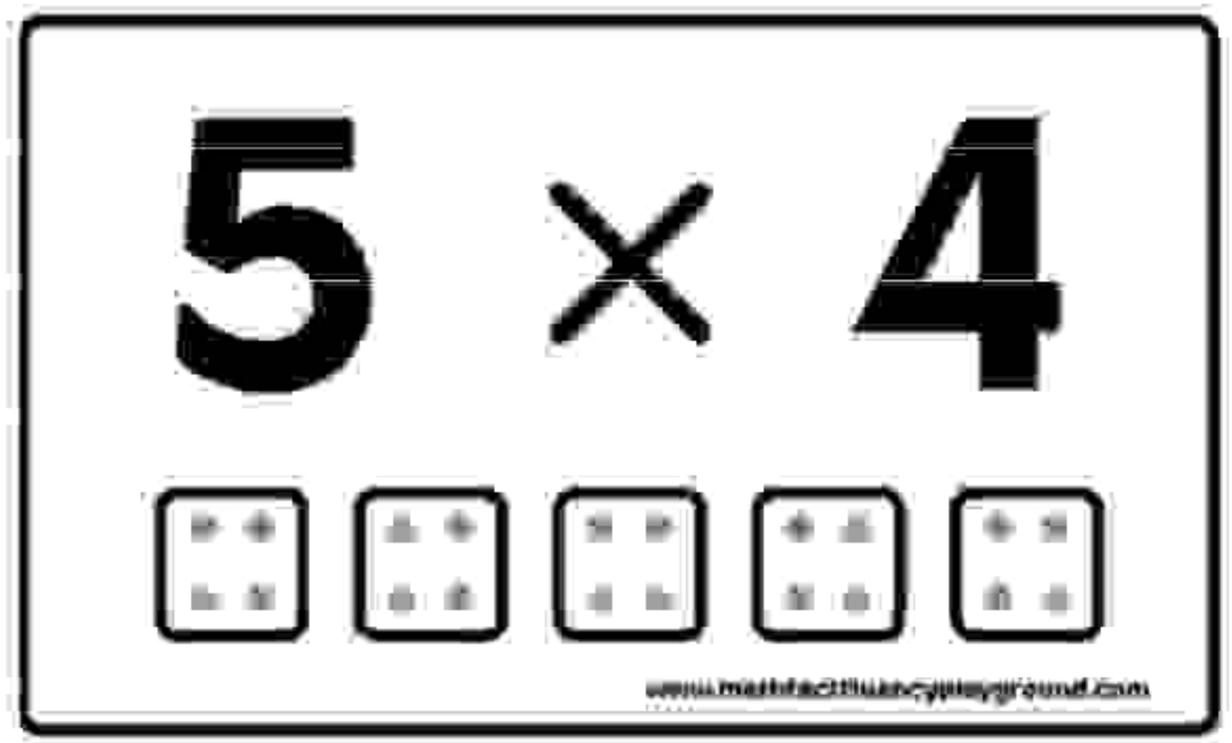

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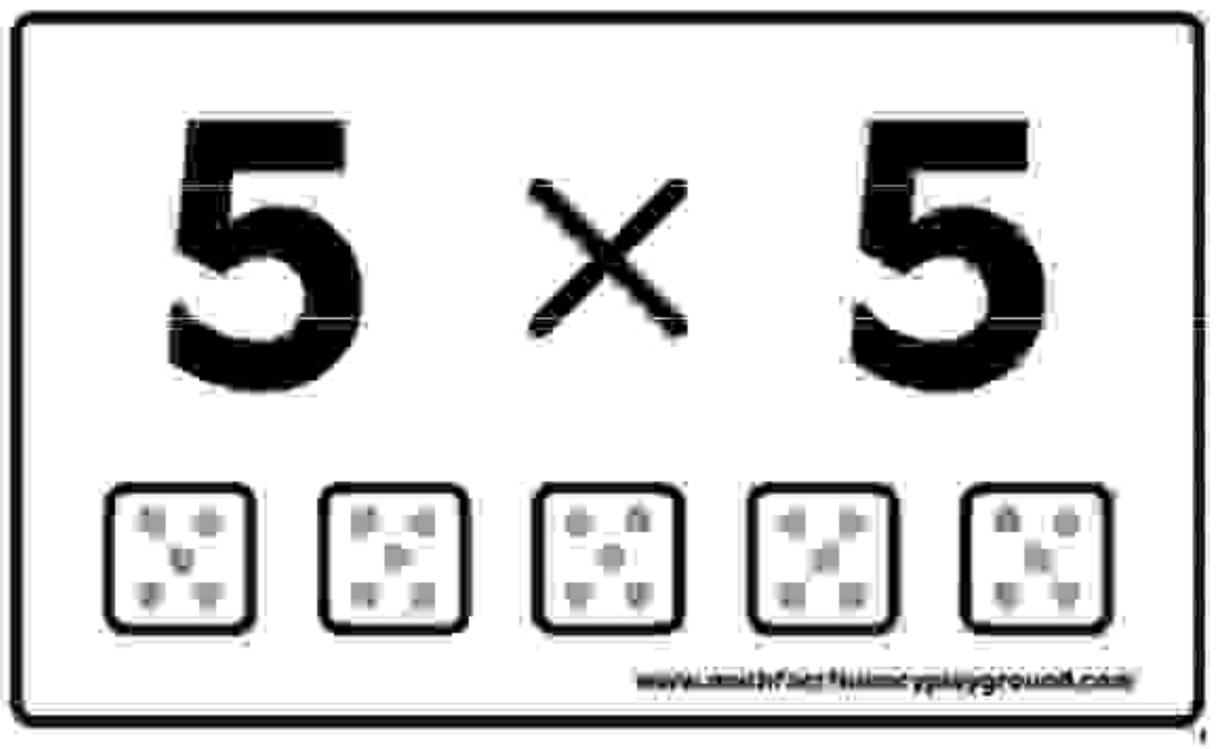

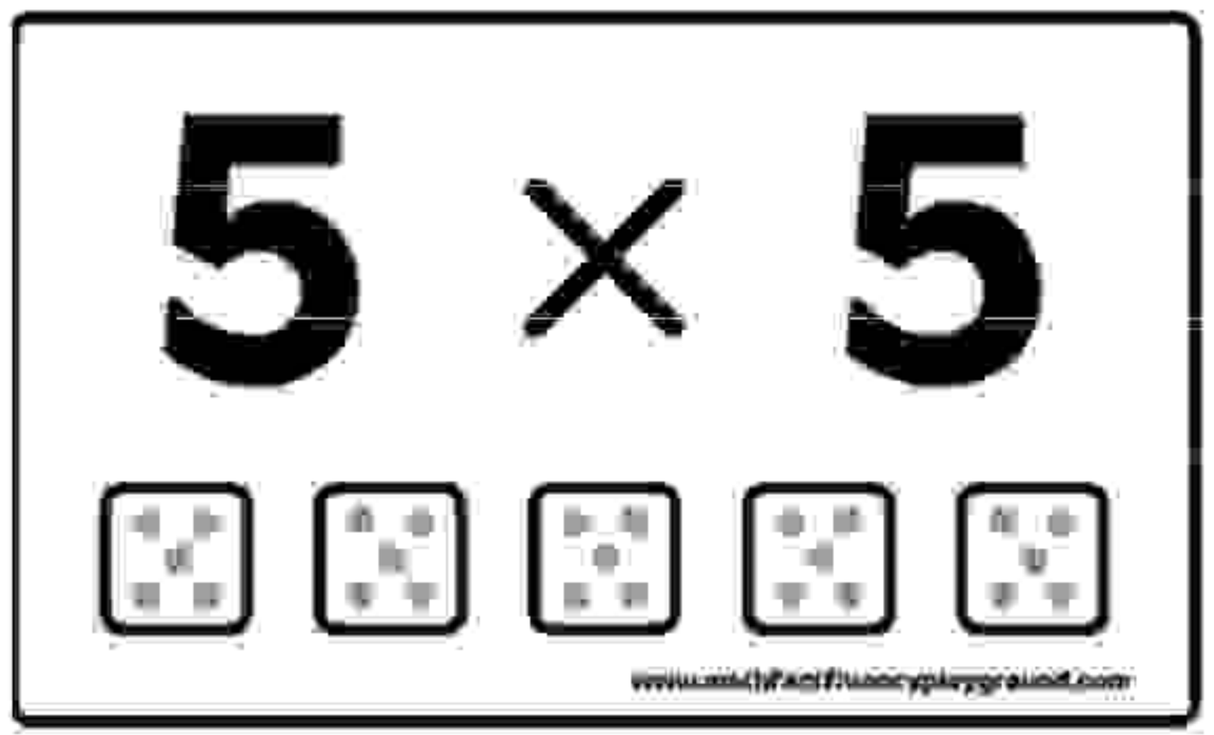

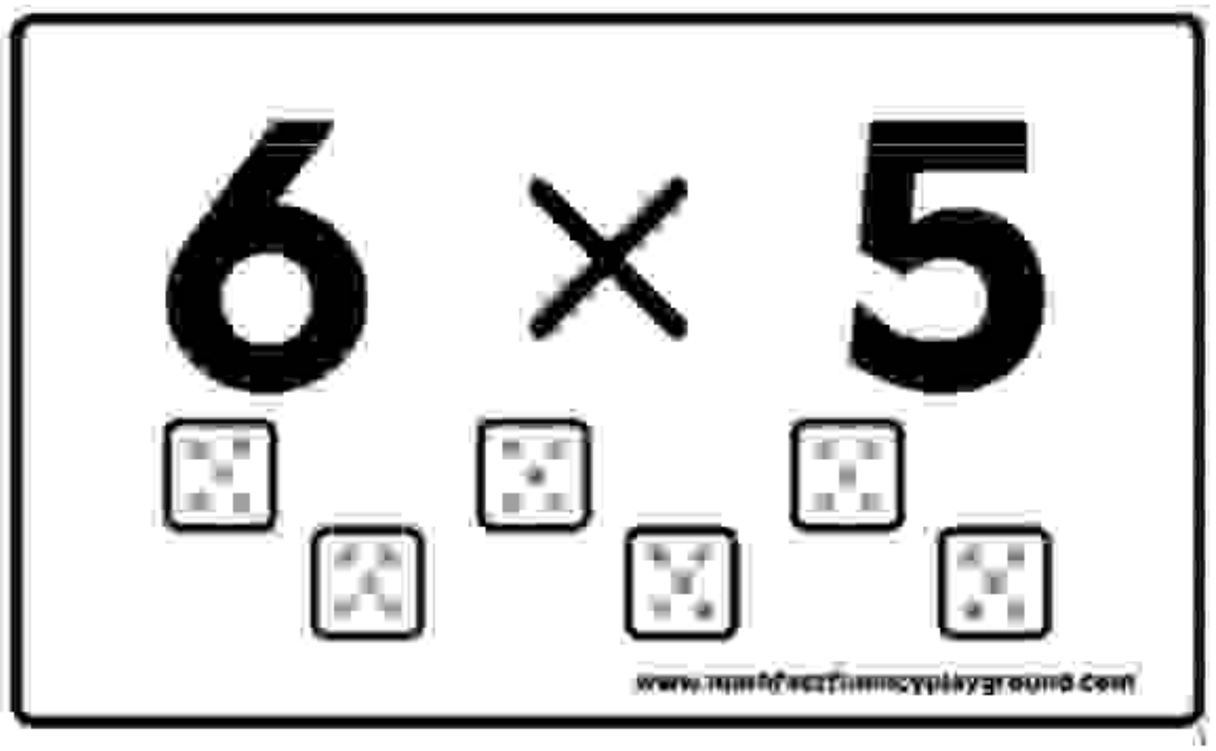

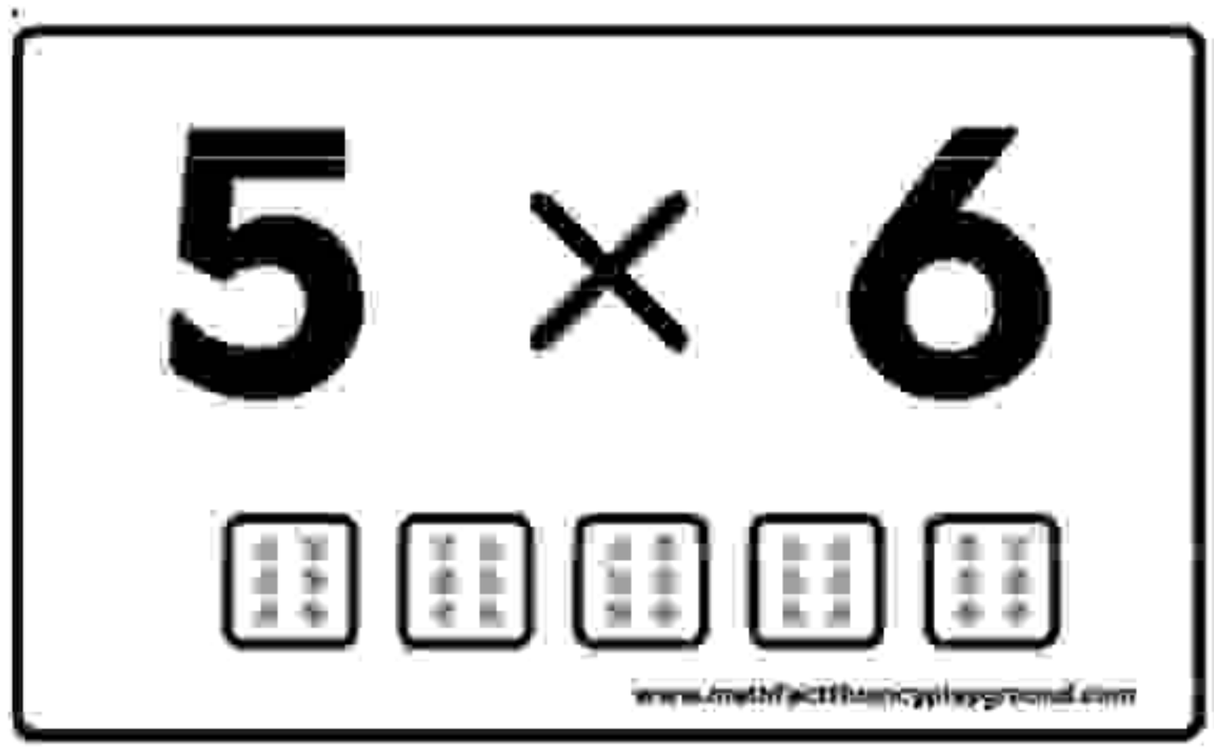

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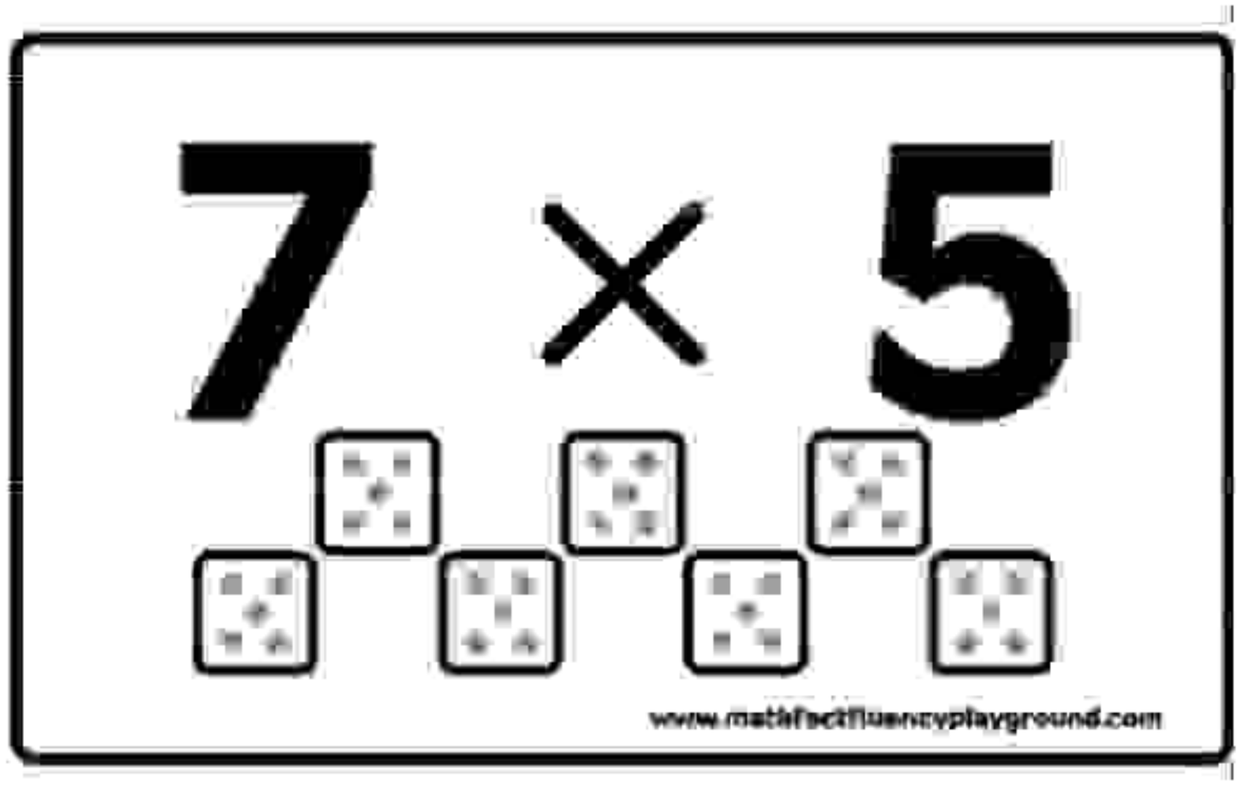
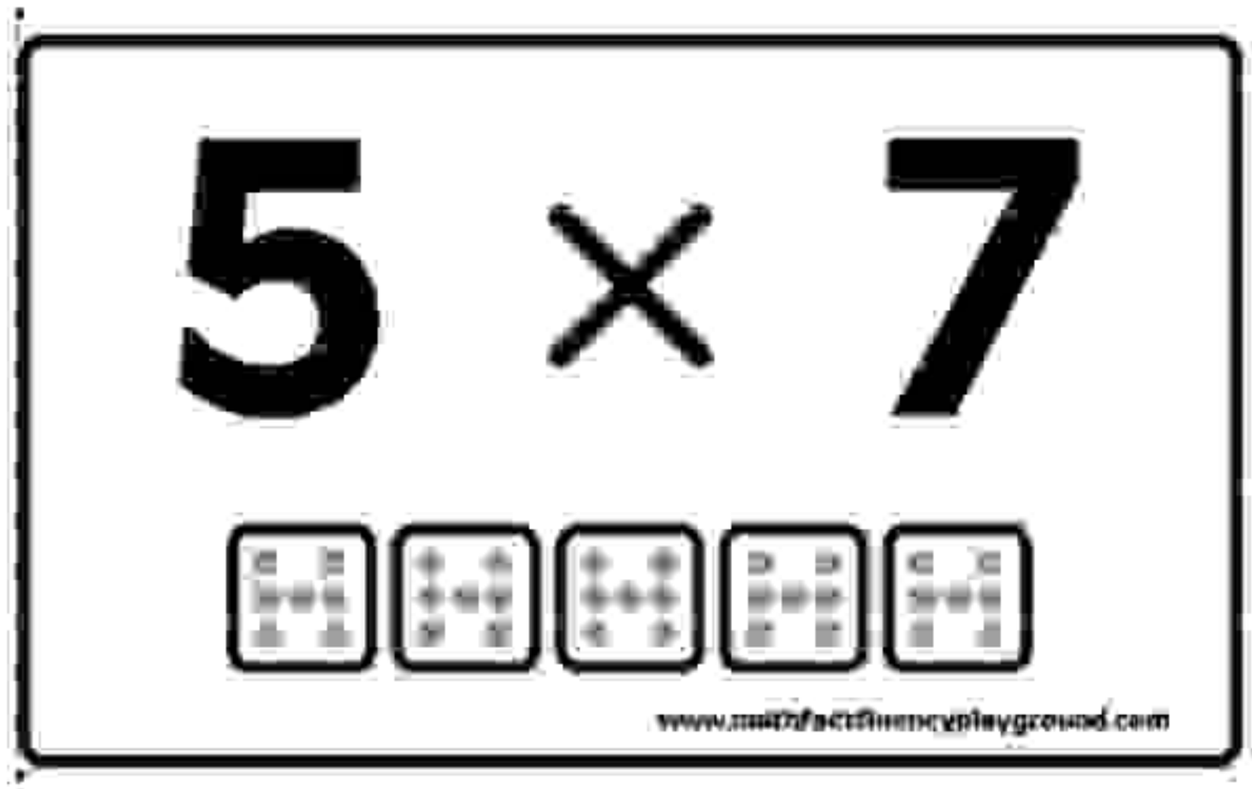
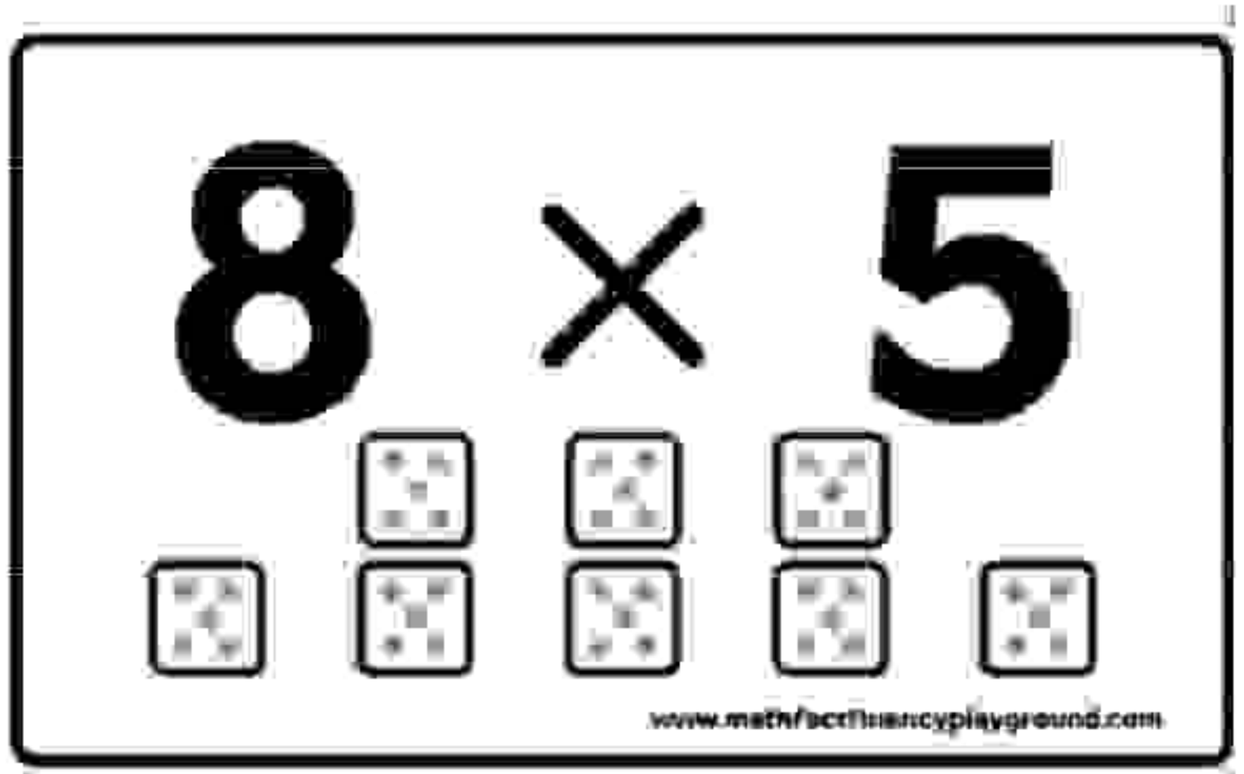
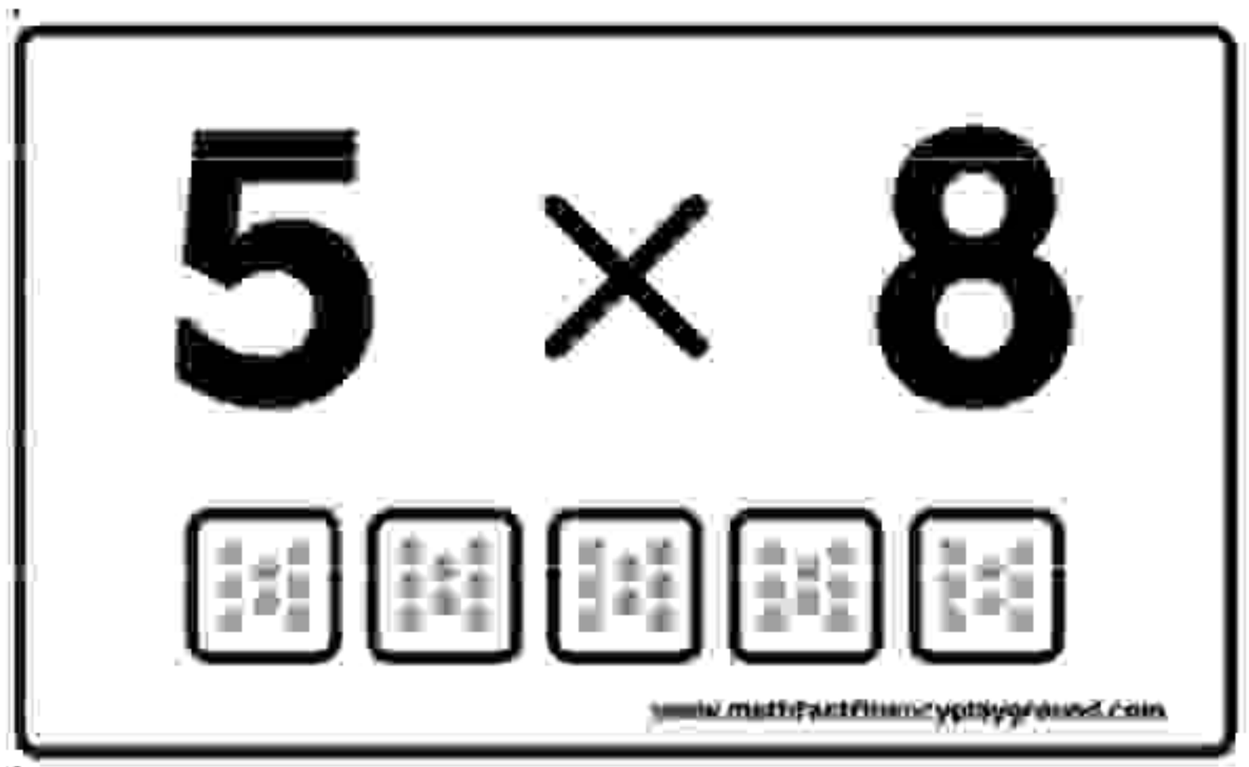
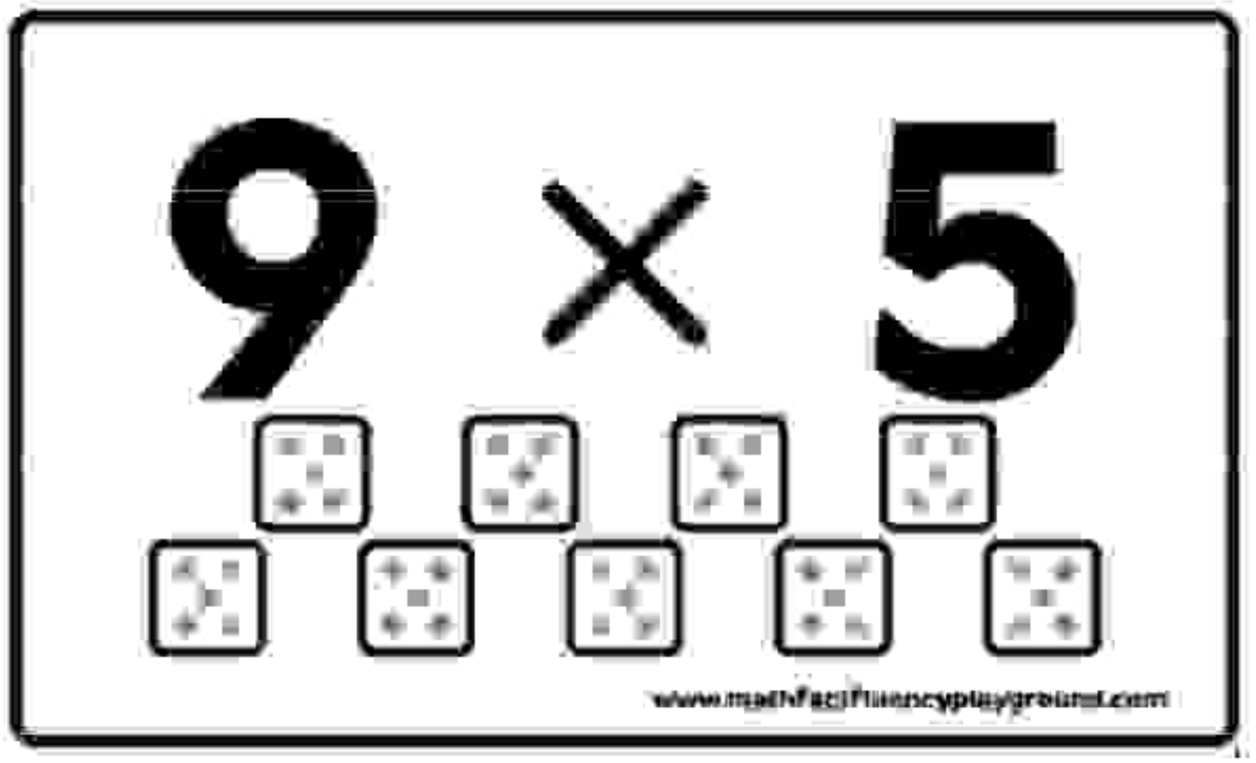


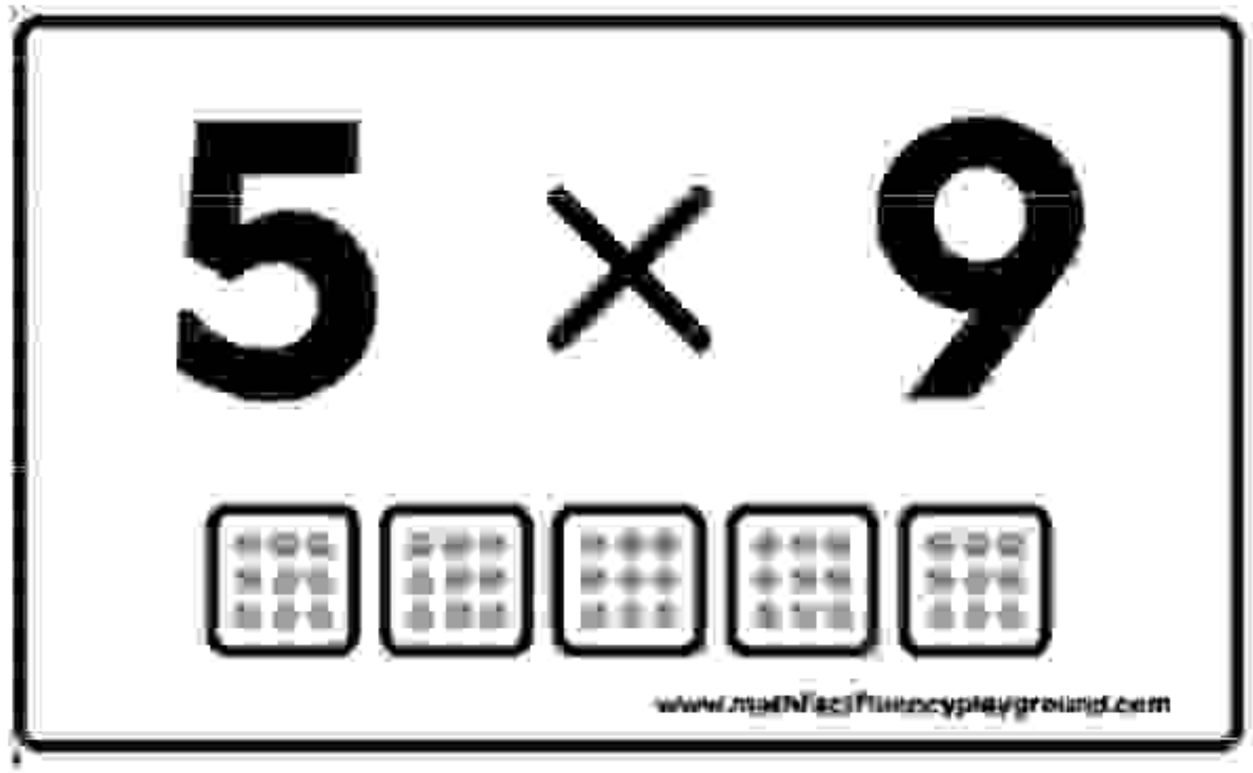


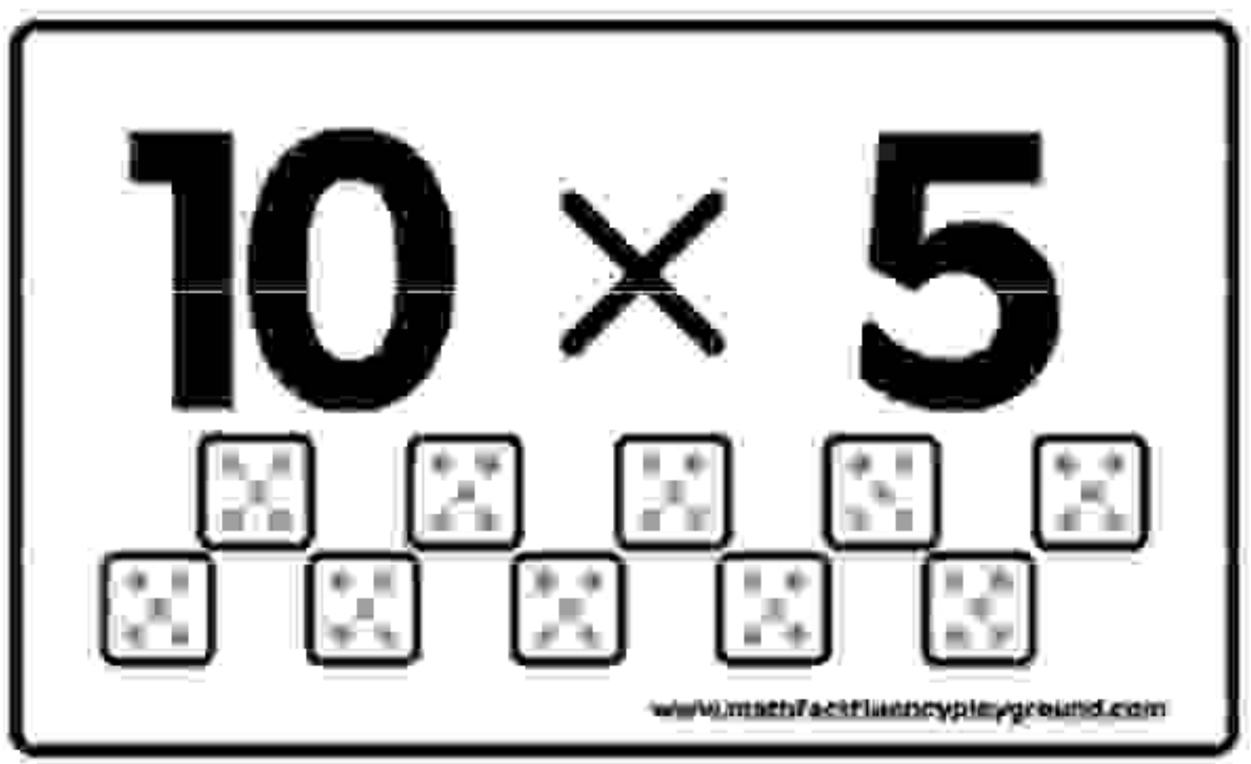


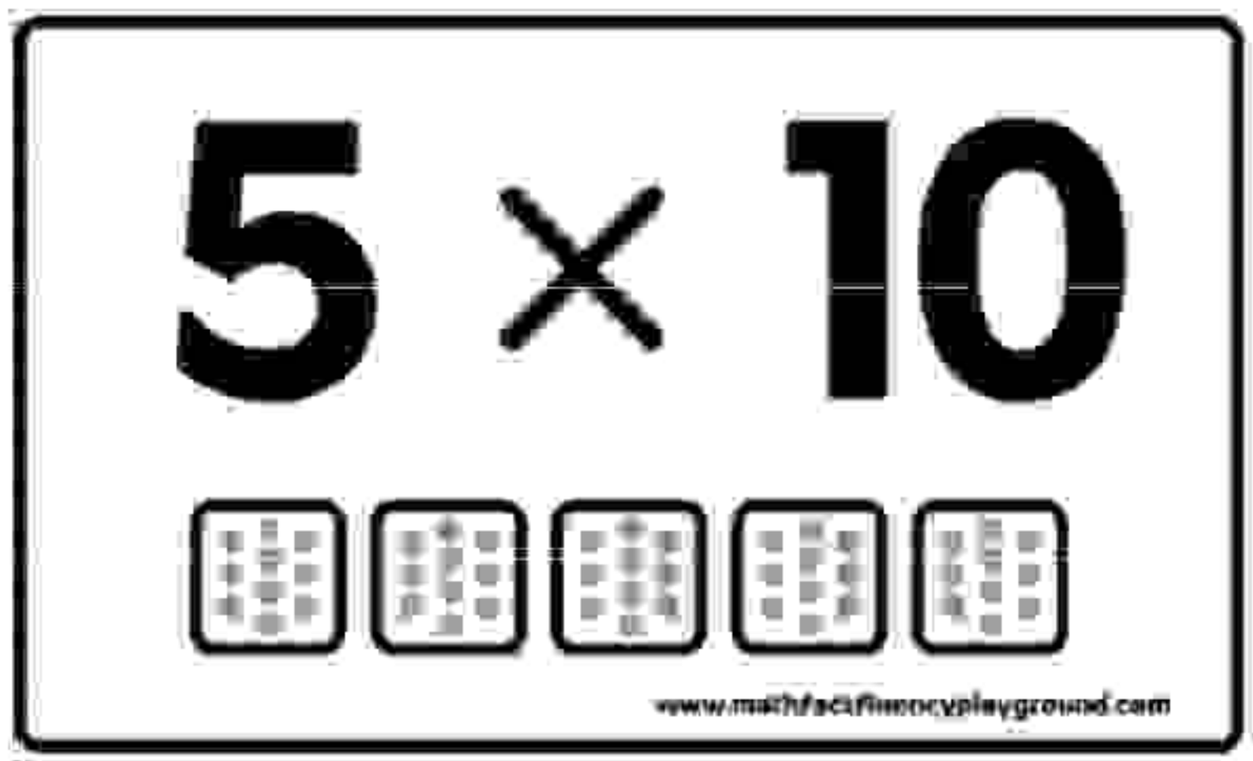


DICE FLASHCARDS









ADD ODD AND EVEN MULTIPLICATION FLASHCARDS

$2 \times 2 = ?$

Even × Even = ?

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4

Even

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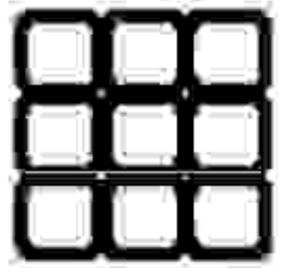
$3 \times 3 = ?$



Odd × Odd = ?

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9

Odd

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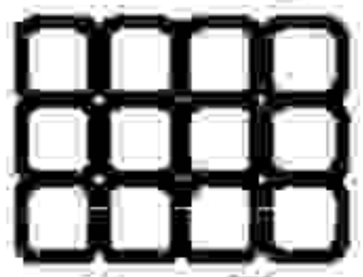
ADD ODD AND EVEN MULTIPLICATION FLASHCARDS

3 × 4 = ?



Odd × Even = ?

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12

Even

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3 × 2 = ?

Odd × Even = ?

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6

Even

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ADD ODD AND EVEN MULTIPLICATION FLASHCARDS

$2 \times 1 = ?$

2

Even × Odd = ?

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2

Even

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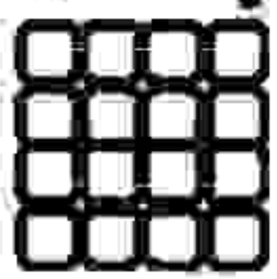
$4 \times 4 = ?$



Even × Even = ?

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16

Even

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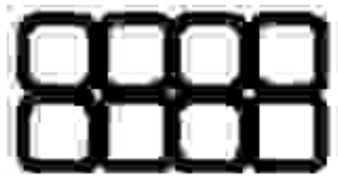
ADD ODD AND EVEN MULTIPLICATION FLASHCARDS

$2 \times 4 = ?$



Even × Even = ?

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8

Even

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$5 \times 2 = ?$

Odd × Even = ?

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10

Even

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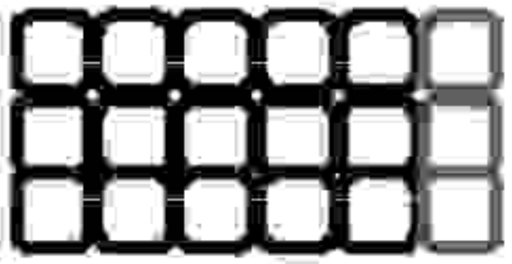
ADD ODD AND EVEN MULTIPLICATION FLASHCARDS

$3 \times 6 = ?$



Odd × Even = ?

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18

Even

www.mathfactfluencyplayground.com

$2 \times 7 = ?$

Even × Odd = ?

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14

Even

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ADD ODD AND EVEN MULTIPLICATION FLASHCARDS

1 × 3 = ?

Odd × Odd = ?

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3

Odd

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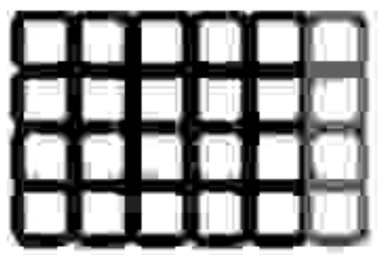
4 × 6 = ?



Even × Even = ?

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24

Even

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ADD ODD AND EVEN MULTIPLICATION FLASHCARDS

$1 \times 3 = ?$

Odd × Odd = ?

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3

Odd

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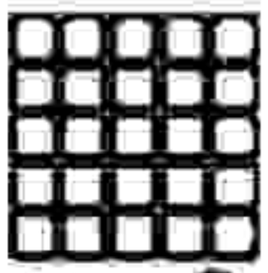
$5 \times 5 = ?$



Odd × Odd = ?

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25

Odd

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BOOKMARKS

2 Multiplication

2 x 1 = 2
2 x 2 = 4
2 x 3 = 6
2 x 4 = 8
2 x 5 = 10
2 x 6 = 12
2 x 7 = 14
2 x 8 = 16
2 x 9 = 18
2 x 10 = 20
2 x 11 = 22
2 x 12 = 24

2 MULTIPLICATION

2 x 1 = 2
2 x 2 = 4
2 x 3 = 6
2 x 4 = 8
2 x 5 = 10
2 x 6 = 12
2 x 7 = 14
2 x 8 = 16
2 x 9 = 18
2 x 10 = 20
2 x 11 = 22
2 x 12 = 24

2 MULTIPLICATION

2 x 1 = 2
2 x 2 = 4
2 x 3 = 6
2 x 4 = 8
2 x 5 = 10
2 x 6 = 12
2 x 7 = 14
2 x 8 = 16
2 x 9 = 18
2 x 10 = 20
2 x 11 = 22
2 x 12 = 24

BOOKMARKS

3

Multiplication

3 x 1 = 3
3 x 2 = 6
3 x 3 = 9
3 x 4 = 12
3 x 5 = 15
3 x 6 = 18
3 x 7 = 21
3 x 8 = 24
3 x 9 = 27
3 x 10 = 30
3 x 11 = 33
3 x 12 = 36

3

MULTIPLICATION

3 x 1 = 3
3 x 2 = 6
3 x 3 = 9
3 x 4 = 12
3 x 5 = 15
3 x 6 = 18
3 x 7 = 21
3 x 8 = 24
3 x 9 = 27
3 x 10 = 30
3 x 11 = 33
3 x 12 = 36

3

MULTIPLICATION

3 x 1 = 3
3 x 2 = 6
3 x 3 = 9
3 x 4 = 12
3 x 5 = 15
3 x 6 = 18
3 x 7 = 21
3 x 8 = 24
3 x 9 = 27
3 x 10 = 30
3 x 11 = 33
3 x 12 = 36

BOOKMARKS

4 Multiplication

4 x 1 = 4
4 x 2 = 8
4 x 3 = 12
4 x 4 = 16
4 x 5 = 20
4 x 6 = 24
4 x 7 = 28
4 x 8 = 32
4 x 9 = 36
4 x 10 = 40
4 x 11 = 44
4 x 12 = 48

4 MULTIPLICATION

4 x 1 = 4
4 x 2 = 8
4 x 3 = 12
4 x 4 = 16
4 x 5 = 20
4 x 6 = 24
4 x 7 = 28
4 x 8 = 32
4 x 9 = 36
4 x 10 = 40
4 x 11 = 44
4 x 12 = 48

4 MULTIPLICATION

4 x 1 = 4
4 x 2 = 8
4 x 3 = 12
4 x 4 = 16
4 x 5 = 20
4 x 6 = 24
4 x 7 = 28
4 x 8 = 32
4 x 9 = 36
4 x 10 = 40
4 x 11 = 44
4 x 12 = 48

BOOKMARKS

5 Multiplication

5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50
5 x 11 = 55
5 x 12 = 60

5 MULTIPLICATION

5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50
5 x 11 = 55
5 x 12 = 60

5 MULTIPLICATION

5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50
5 x 11 = 55
5 x 12 = 60

BOOKMARKS

6 Multiplication

6 x 1 = 6
6 x 2 = 12
6 x 3 = 18
6 x 4 = 24
6 x 5 = 30
6 x 6 = 36
6 x 7 = 42
6 x 8 = 48
6 x 9 = 54
6 x 10 = 60
6 x 11 = 66
6 x 12 = 72

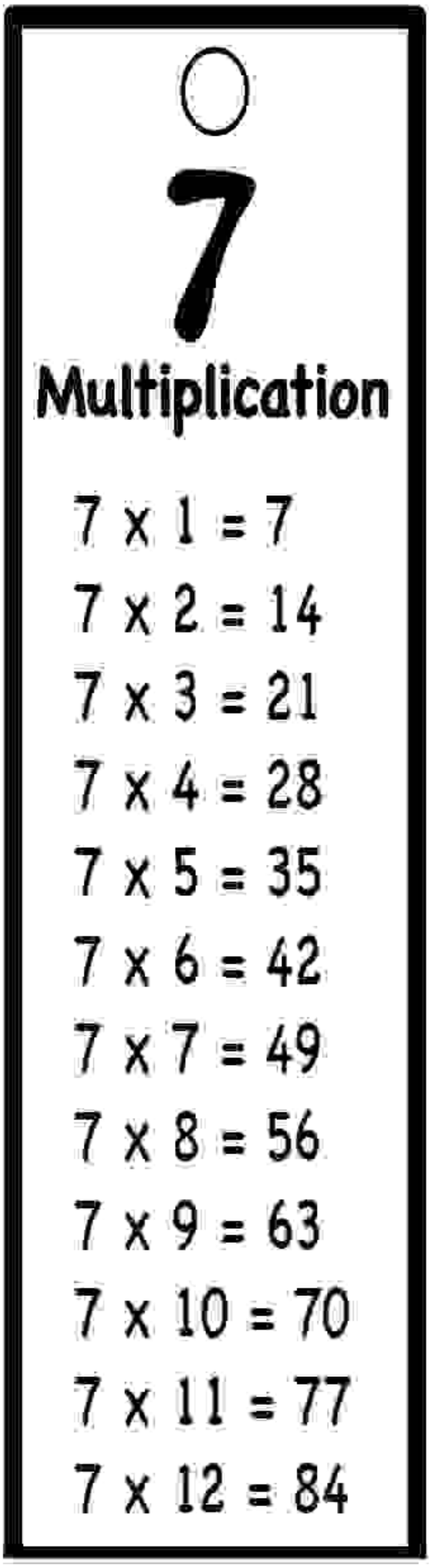
6 MULTIPLICATION

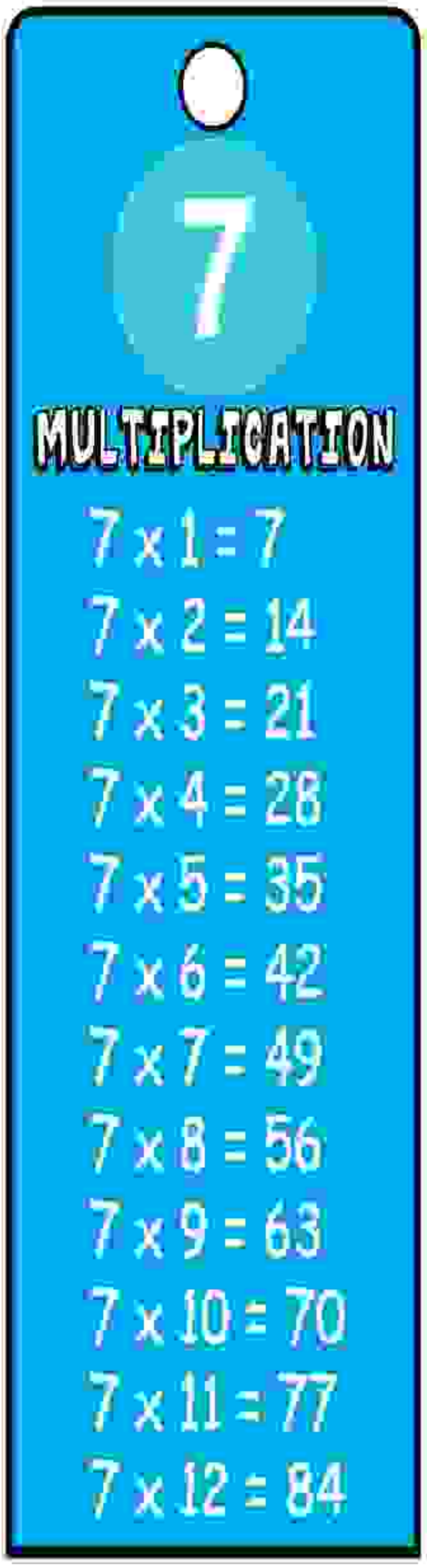
6 x 1 = 6
6 x 2 = 12
6 x 3 = 18
6 x 4 = 24
6 x 5 = 30
6 x 6 = 36
6 x 7 = 42
6 x 8 = 48
6 x 9 = 54
6 x 10 = 60
6 x 11 = 66
6 x 12 = 72

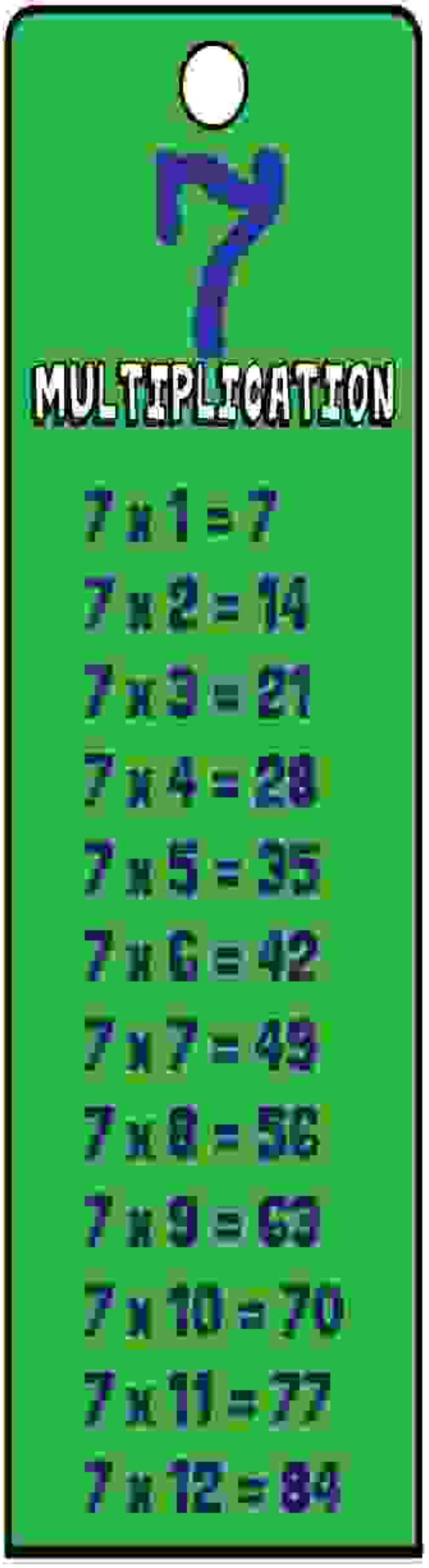
6 MULTIPLICATION

6 x 1 = 6
6 x 2 = 12
6 x 3 = 18
6 x 4 = 24
6 x 5 = 30
6 x 6 = 36
6 x 7 = 42
6 x 8 = 48
6 x 9 = 54
6 x 10 = 60
6 x 11 = 66
6 x 12 = 72

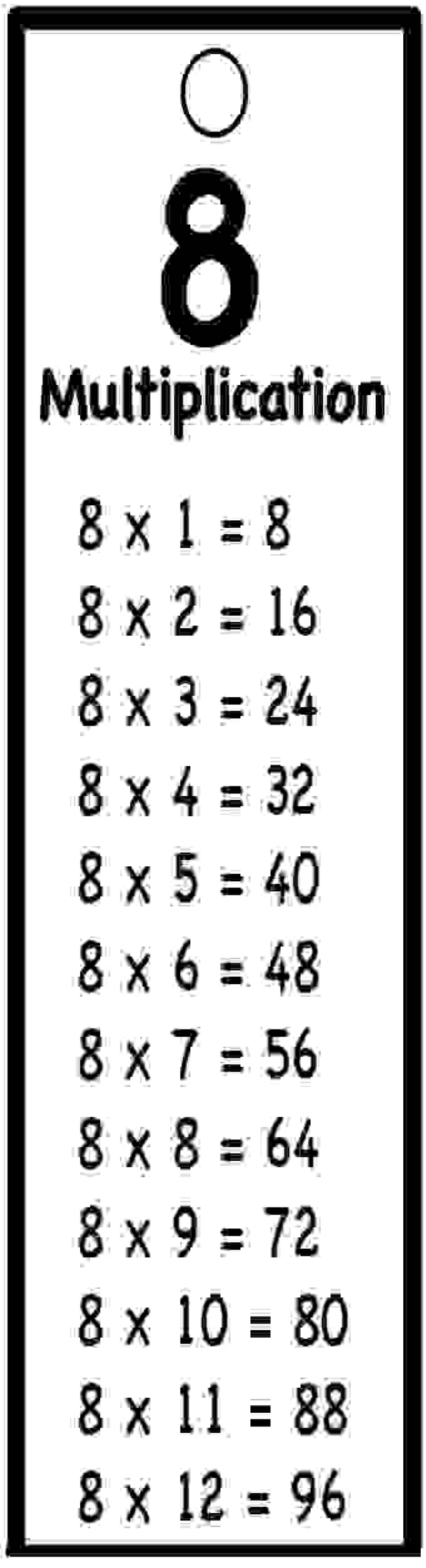
BOOKMARKS

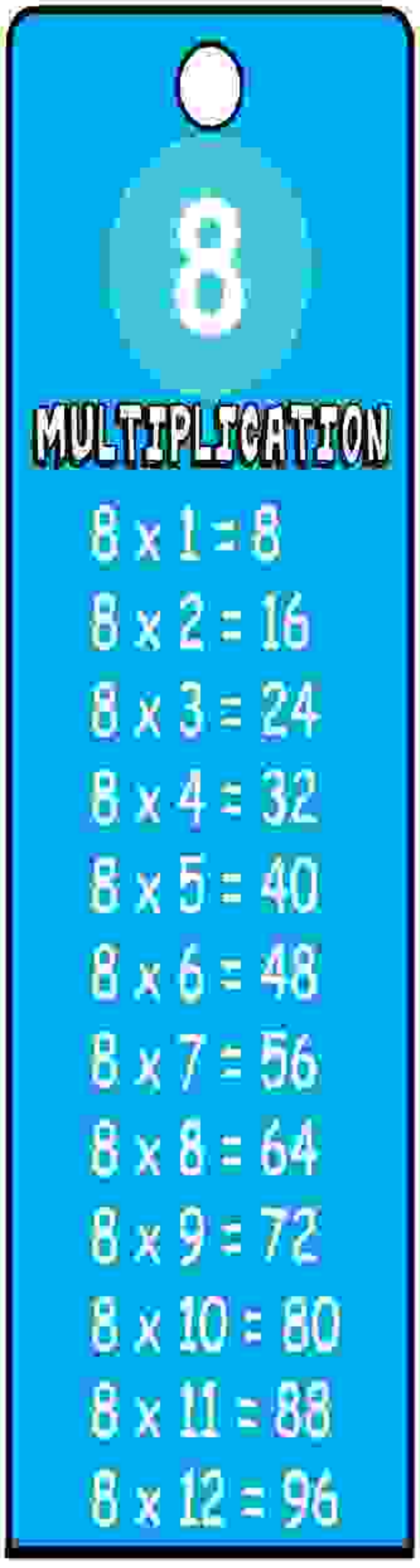

7
Multiplication
7 x 1 = 7
7 x 2 = 14
7 x 3 = 21
7 x 4 = 28
7 x 5 = 35
7 x 6 = 42
7 x 7 = 49
7 x 8 = 56
7 x 9 = 63
7 x 10 = 70
7 x 11 = 77
7 x 12 = 84

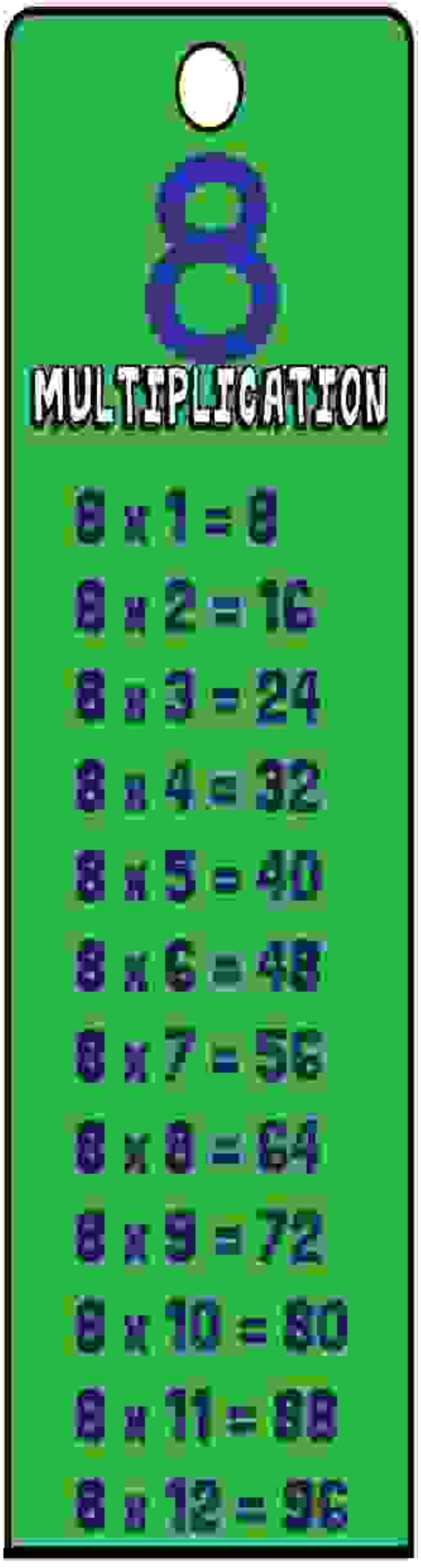

7
MULTIPLICATION
7 x 1 = 7
7 x 2 = 14
7 x 3 = 21
7 x 4 = 28
7 x 5 = 35
7 x 6 = 42
7 x 7 = 49
7 x 8 = 56
7 x 9 = 63
7 x 10 = 70
7 x 11 = 77
7 x 12 = 84


7
MULTIPLICATION
7 x 1 = 7
7 x 2 = 14
7 x 3 = 21
7 x 4 = 28
7 x 5 = 35
7 x 6 = 42
7 x 7 = 49
7 x 8 = 56
7 x 9 = 63
7 x 10 = 70
7 x 11 = 77
7 x 12 = 84

BOOKMARKS


8
Multiplication
8 x 1 = 8
8 x 2 = 16
8 x 3 = 24
8 x 4 = 32
8 x 5 = 40
8 x 6 = 48
8 x 7 = 56
8 x 8 = 64
8 x 9 = 72
8 x 10 = 80
8 x 11 = 88
8 x 12 = 96


8
MULTIPLICATION
8 x 1 = 8
8 x 2 = 16
8 x 3 = 24
8 x 4 = 32
8 x 5 = 40
8 x 6 = 48
8 x 7 = 56
8 x 8 = 64
8 x 9 = 72
8 x 10 = 80
8 x 11 = 88
8 x 12 = 96

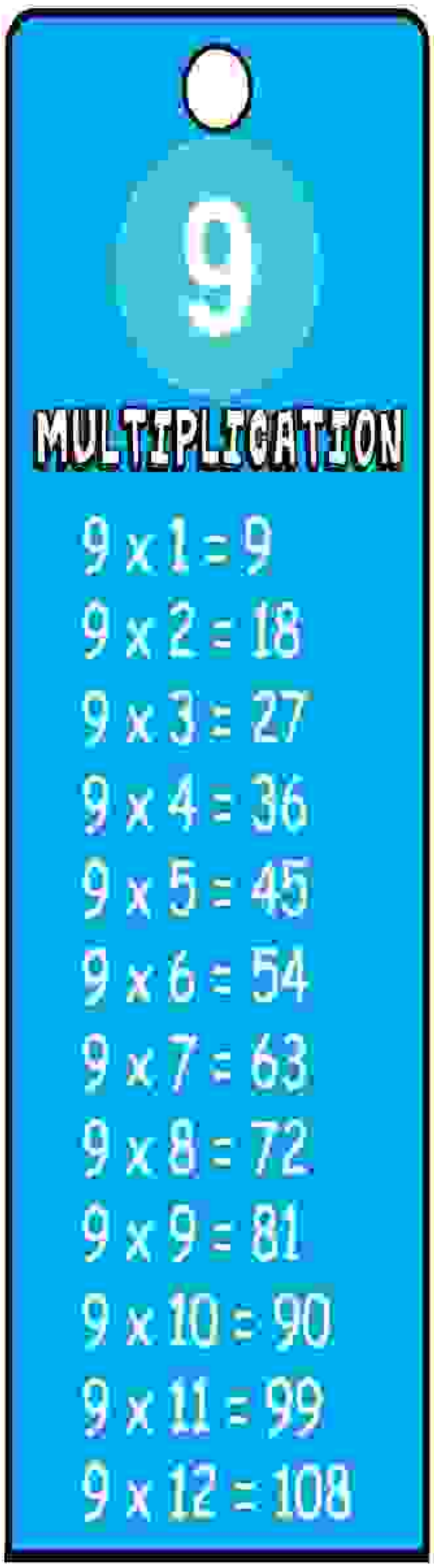

8
MULTIPLICATION
8 x 1 = 8
8 x 2 = 16
8 x 3 = 24
8 x 4 = 32
8 x 5 = 40
8 x 6 = 48
8 x 7 = 56
8 x 8 = 64
8 x 9 = 72
8 x 10 = 80
8 x 11 = 88
8 x 12 = 96

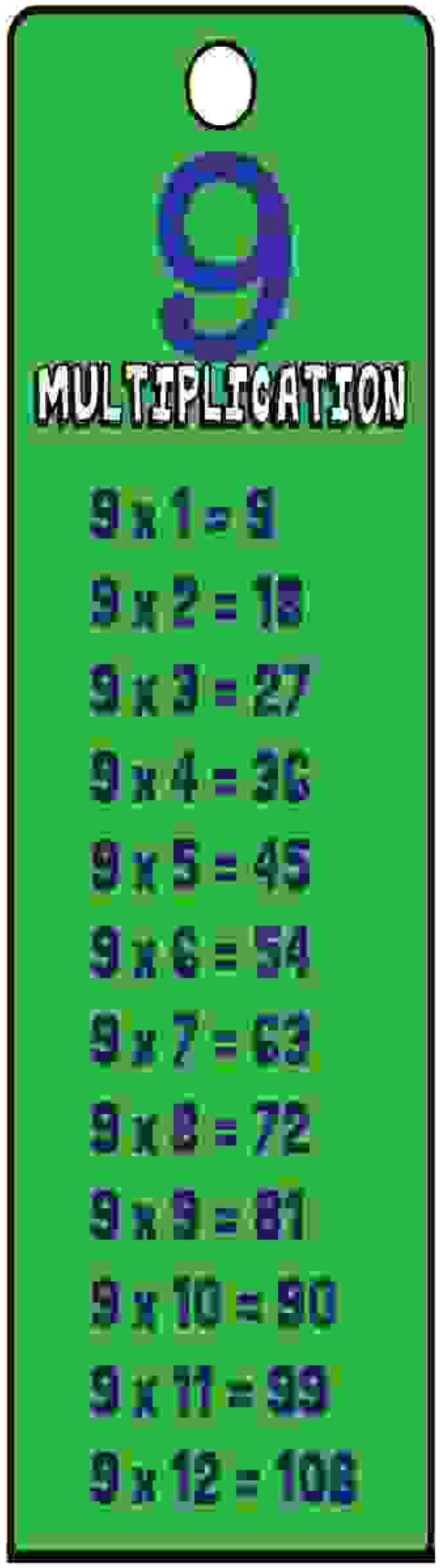
BOOKMARKS

9

Multiplication

9 x 1 = 9
9 x 2 = 18
9 x 3 = 27
9 x 4 = 36
9 x 5 = 45
9 x 6 = 54
9 x 7 = 63
9 x 8 = 72
9 x 9 = 81
9 x 10 = 90
9 x 11 = 99
9 x 12 = 108





BOOKMARKS

10 Multiplication

10 x 1 = 10
10 x 2 = 20
10 x 3 = 30
10 x 4 = 40
10 x 5 = 50
10 x 6 = 60
10 x 7 = 70
10 x 8 = 80
10 x 9 = 90
10 x 10 = 100
10 x 11 = 110
10 x 12 = 120

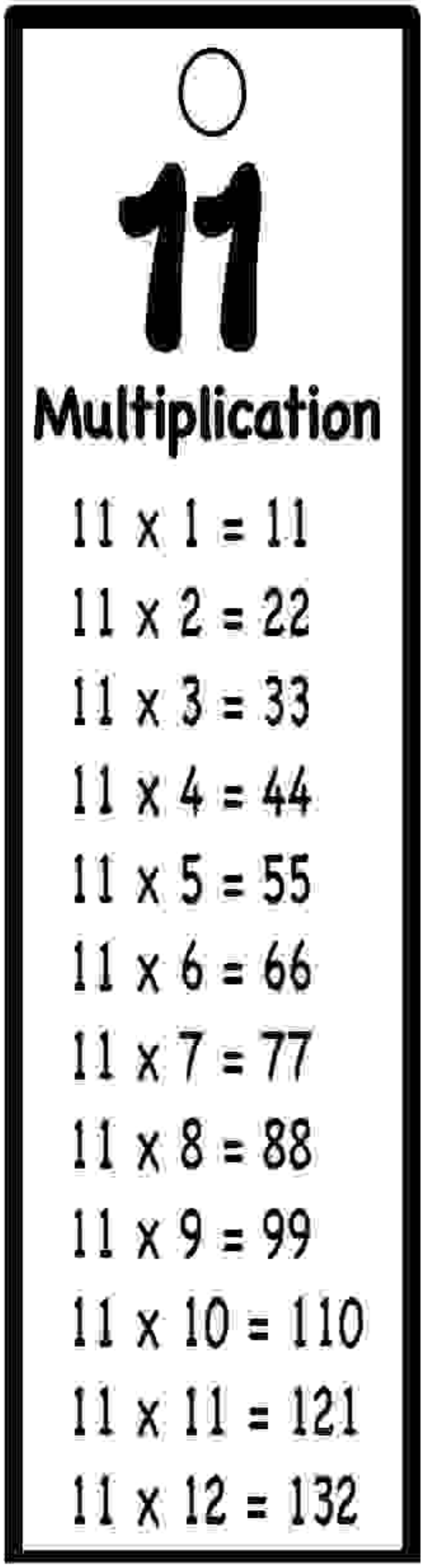
10 MULTIPLICATION

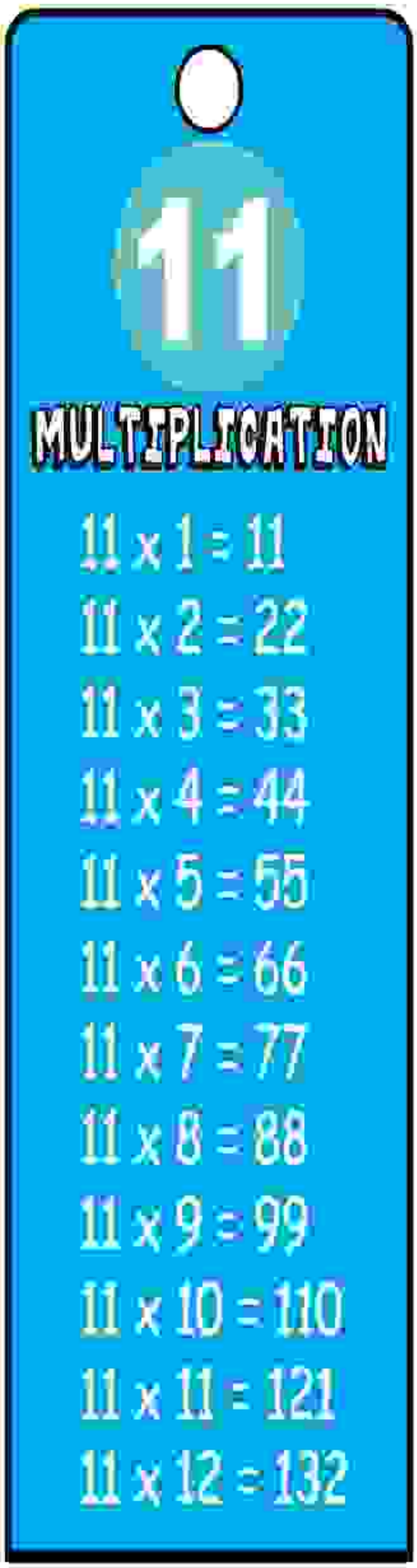
10 x 1 = 10
10 x 2 = 20
10 x 3 = 30
10 x 4 = 40
10 x 5 = 50
10 x 6 = 60
10 x 7 = 70
10 x 8 = 80
10 x 9 = 90
10 x 10 = 100
10 x 11 = 110
10 x 12 = 120

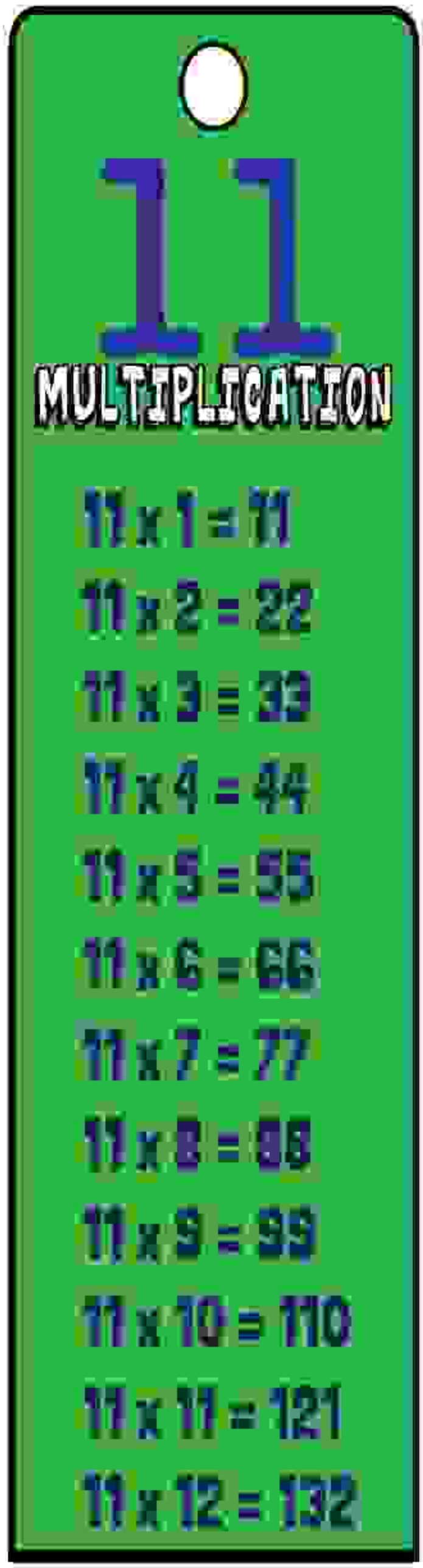
10 MULTIPLICATION

10 x 1 = 10
10 x 2 = 20
10 x 3 = 30
10 x 4 = 40
10 x 5 = 50
10 x 6 = 60
10 x 7 = 70
10 x 8 = 80
10 x 9 = 90
10 x 10 = 100
10 x 11 = 110
10 x 12 = 120

BOOKMARKS


11
Multiplication
11 x 1 = 11
11 x 2 = 22
11 x 3 = 33
11 x 4 = 44
11 x 5 = 55
11 x 6 = 66
11 x 7 = 77
11 x 8 = 88
11 x 9 = 99
11 x 10 = 110
11 x 11 = 121
11 x 12 = 132


11
MULTIPLICATION
11 x 1 = 11
11 x 2 = 22
11 x 3 = 33
11 x 4 = 44
11 x 5 = 55
11 x 6 = 66
11 x 7 = 77
11 x 8 = 88
11 x 9 = 99
11 x 10 = 110
11 x 11 = 121
11 x 12 = 132


11
MULTIPLICATION
11 x 1 = 11
11 x 2 = 22
11 x 3 = 33
11 x 4 = 44
11 x 5 = 55
11 x 6 = 66
11 x 7 = 77
11 x 8 = 88
11 x 9 = 99
11 x 10 = 110
11 x 11 = 121
11 x 12 = 132

BOOKMARKS

12 Multiplication

12 x 1 = 12
12 x 2 = 24
12 x 3 = 36
12 x 4 = 48
12 x 5 = 60
12 x 6 = 72
12 x 7 = 84
12 x 8 = 96
12 x 9 = 108
12 x 10 = 120
12 x 11 = 132
12 x 12 = 144

12 MULTIPLICATION

12 x 1 = 12
12 x 2 = 24
12 x 3 = 36
12 x 4 = 48
12 x 5 = 60
12 x 6 = 72
12 x 7 = 84
12 x 8 = 96
12 x 9 = 108
12 x 10 = 120
12 x 11 = 132
12 x 12 = 144

12 MULTIPLICATION

12 x 1 = 12
12 x 2 = 24
12 x 3 = 36
12 x 4 = 48
12 x 5 = 60
12 x 6 = 72
12 x 7 = 84
12 x 8 = 96
12 x 9 = 108
12 x 10 = 120
12 x 11 = 132
12 x 12 = 144

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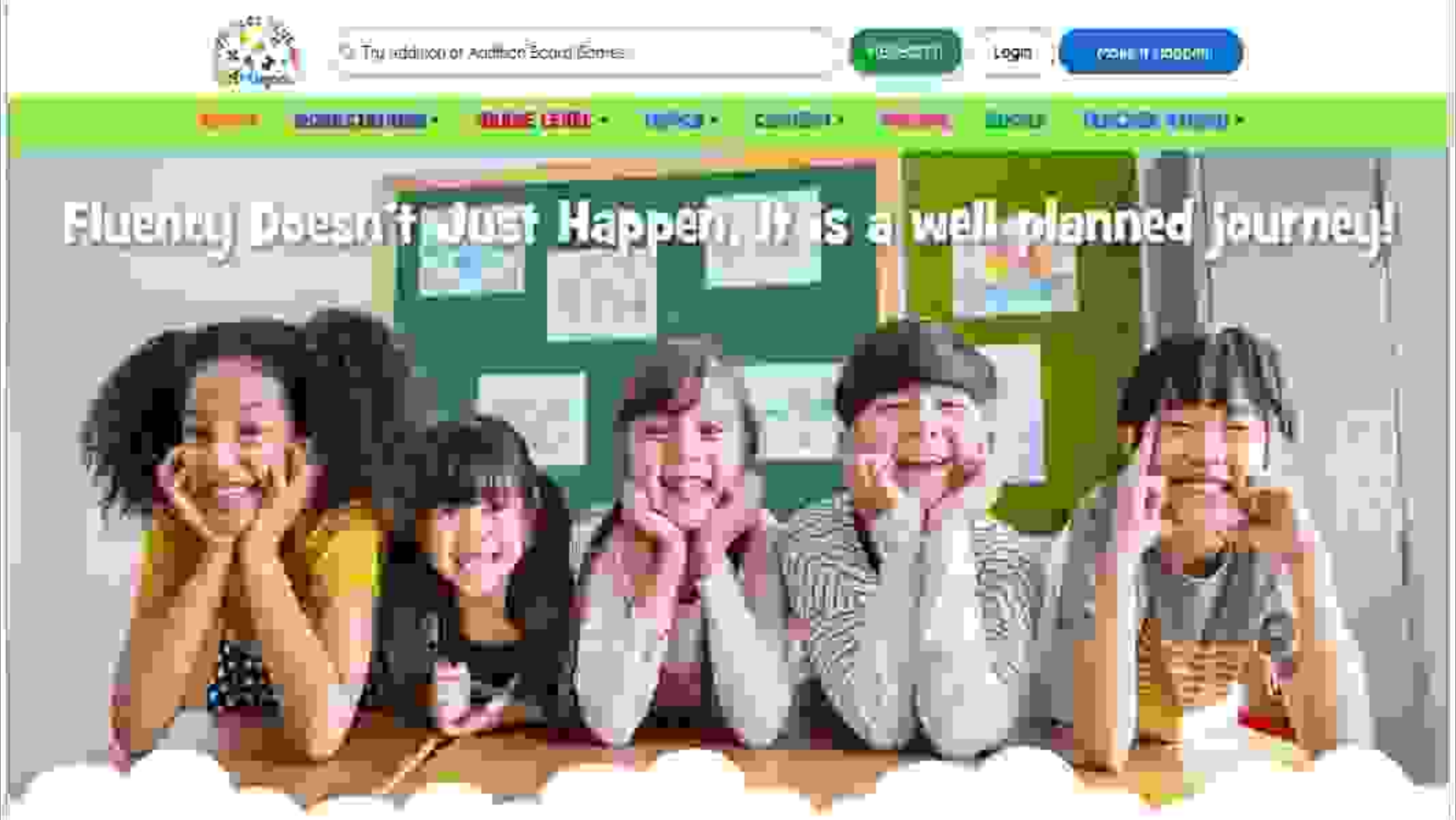

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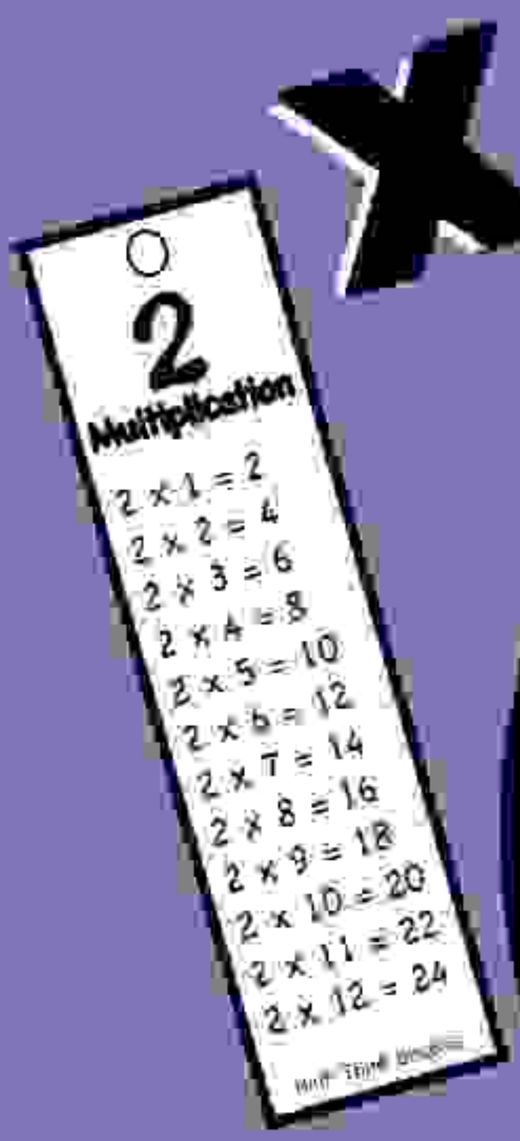
GUIDED MATH

TEACHER'S

MULTIPLICATION TOOL KIT



This Teacher's Multiplication Resource Toolkit was created to help teach multiplication. There are many different templates, activity sheets and backline masters to use to differentiate instruction. Use these resources to scaffold access to grade level content for all your students!