

SUMMER

PMATH * PACKET

1st Grade Fun





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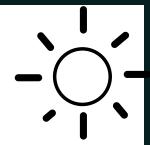
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Summer Math Survey Completion Certificate Answer Key





THIS SUMMER PACKET BELONGS TO:





(NAME)

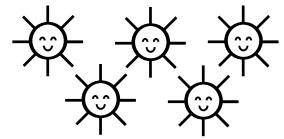




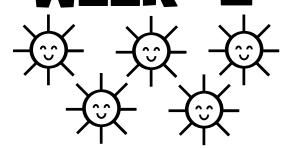
KEEP TRACK OF YOUR SUMMER WORK

As you complete each activity, color a sun!

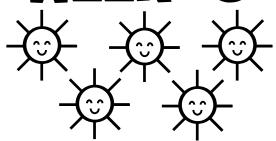




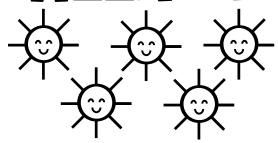
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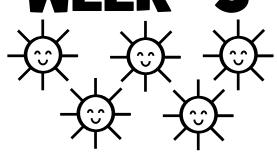
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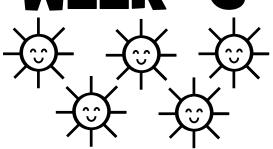
WEEK



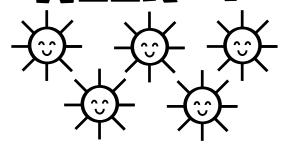
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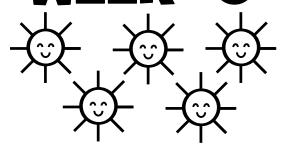
WEEK

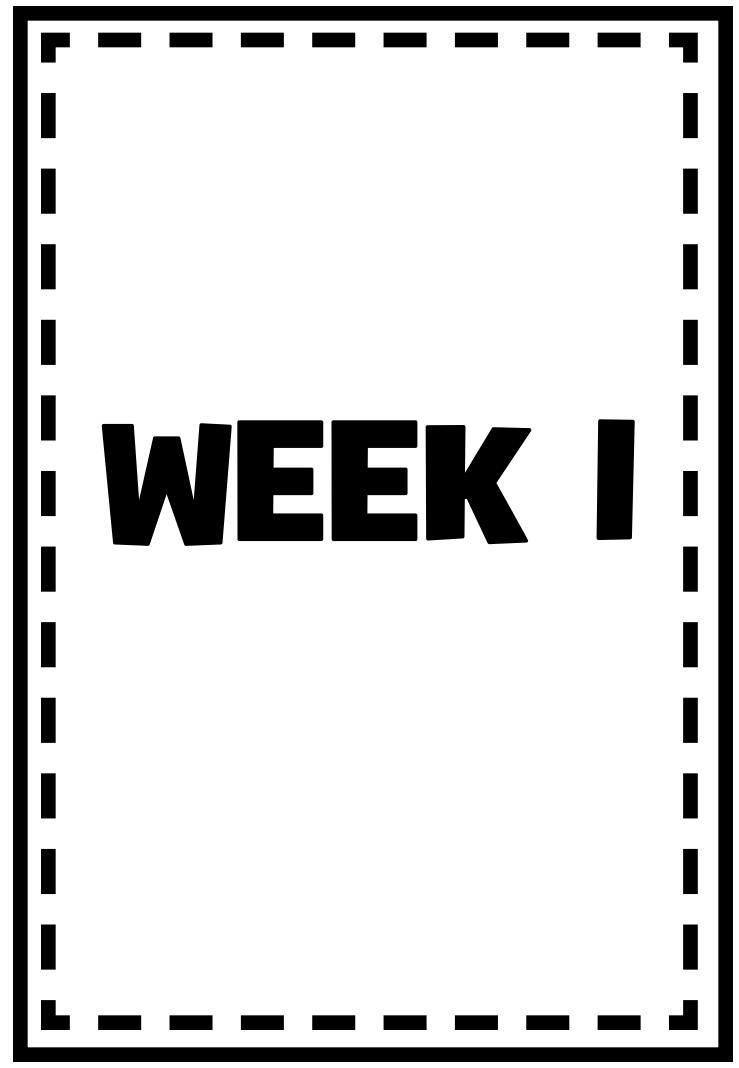


WEEK 7



WEEK





HOW TO PLAY ROCK, PAPER AND SCISSORS.

This game is (also known as Roshambo). It is a fun and easy way to start a game. Players say "Rock, paper, scissors." Each player throws a rock, paper or scissors.

- Rock beats scissors,
- scissors beat paper,
- paper beats rock.









scissors





Addition Tic Tac Toe

Adding 0 to a Number

2+0	4+0	3+0	0+9	0+4	0+3
9+0	7+0	1+0	0+6	0+7	0+8
6+0	8+0	5+0	0+1	0+2	0+5

0+10	0+3	0+6	7+0	6+0	3+0
0+7	0+2	0+5	10+0	9+0	4+0
0+1	0+4	0+9	8+0	1+0	5+0

Instructions: Play rock, paper, scissors to see who starts. Then take turns answering a problem on the mat. Whoever gets 3 in a row first wins.

FIND THE SUMS OF 5!

Circle all the sums of 5

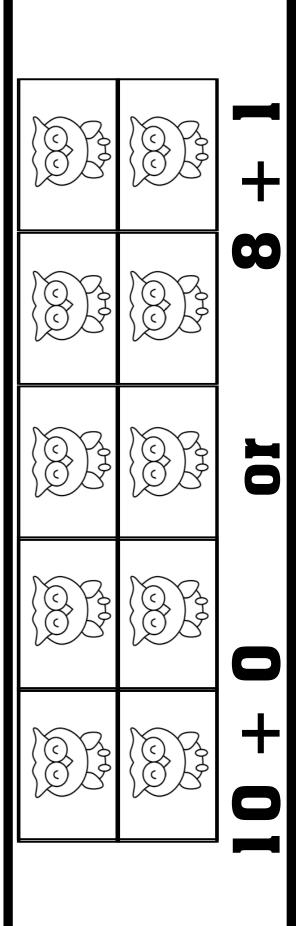
12

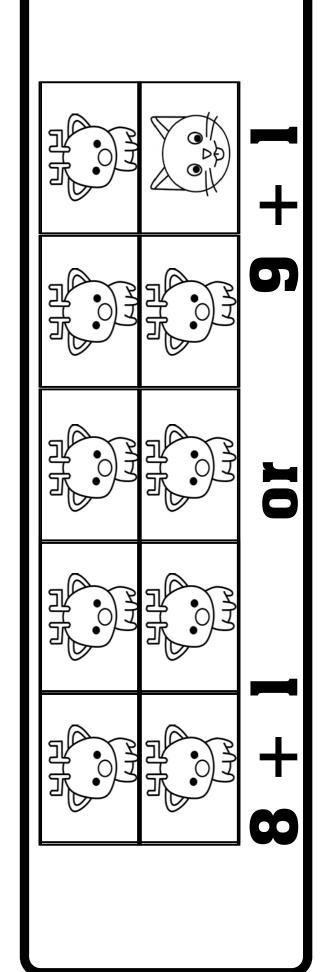
4 6

18 13

8

CIRCLE THE CORRECT EXPRESSION!







MATERIALS:

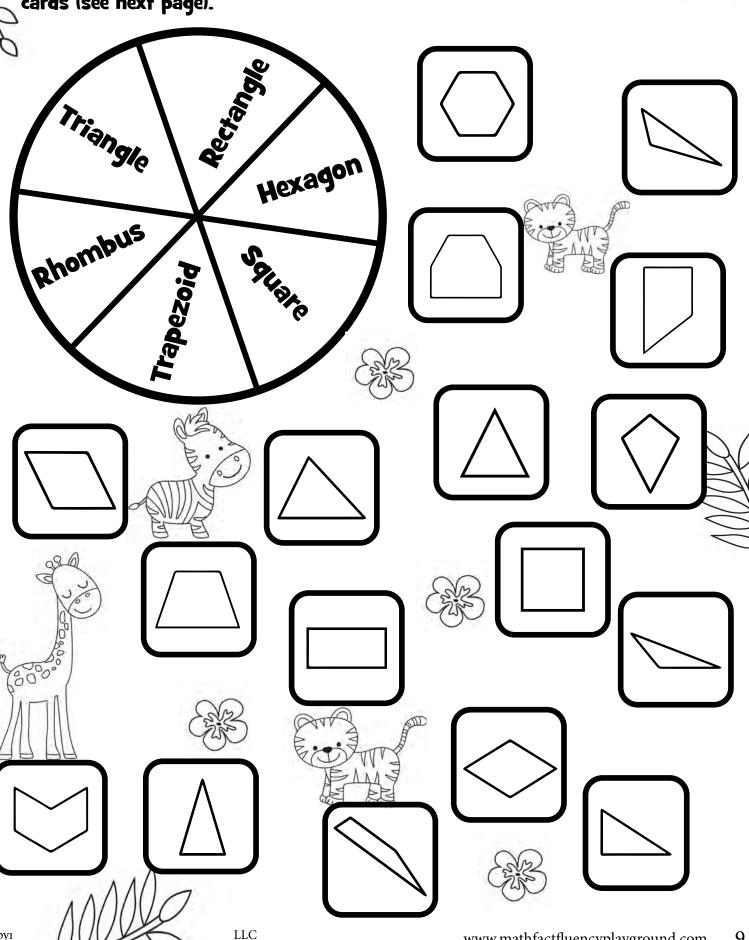
I Game board, cards/spinner, 6 counters (each player must have a different color set)

INSTRUCTIONS

- I. Each player gets 6 markers of a specific color.
- 2. To start, play rock, paper, scissors.
- 3. Take turns pulling cards or spinning the spinner and covering a spot that matches the card/spinner.
- 4. Place a marker on the spot.
- 5.Players can bump their partner off any spot if there is only one marker. If a player is bumped, he takes back his marker.
- 6.If a player has 2 markers on one spot they cannot be bumped.
- 7. Whoever gets rid of their 6 markers first wins.
- *If your board game has a spinner, use a paper clip to spin.

SPIN AND COVER POLYGONS (BUMP GAME)

Each player gets 8 markers. Spin the wheel. Cover the correct shape. If another player spins that shape, they can bump (remove) the marker. If there are 2 markers on the shape, the space is safe. Whoever gets rid of all of their markers first wins. *Use a paper clip for the spinner or use the cards (see next page).



Use these cards to pull and play the game.

Rectangle

Hexagon

Square

Trapezoid

Rhombus

Triangle

Rectangle

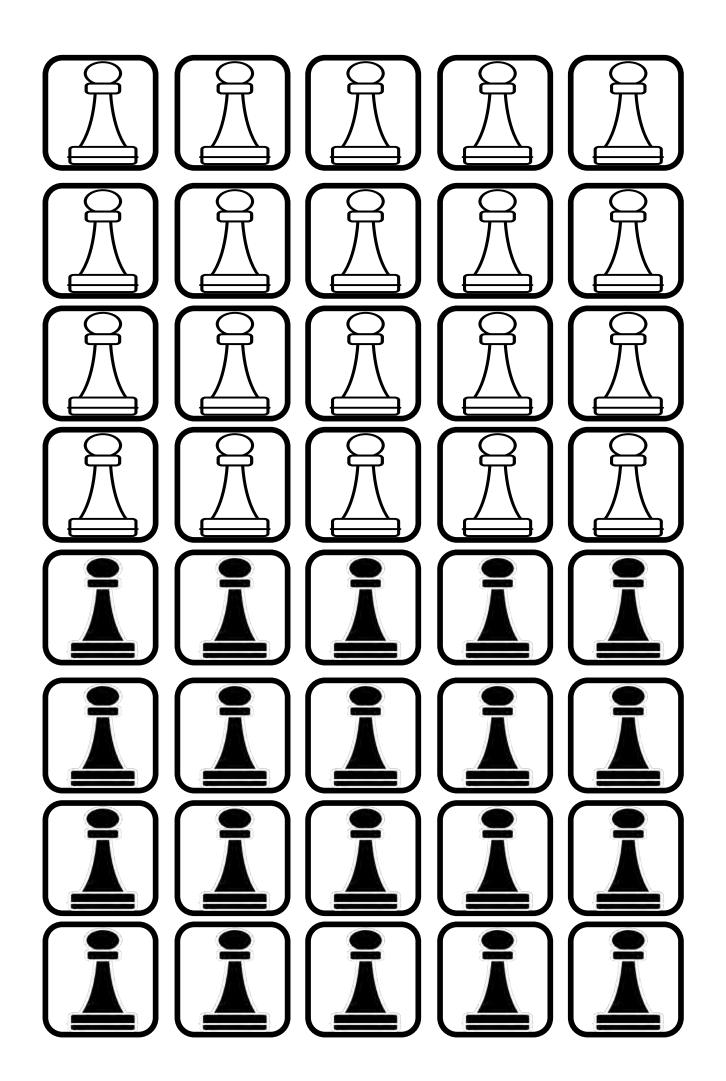
Hexagon

Square

Trapezoid

Rhombus

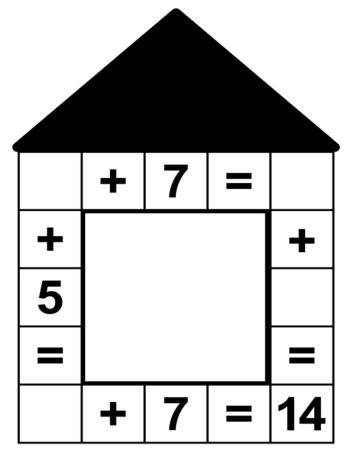
Triangle



MATH CROSSWORD PUZZLES

Fill in the missing number to make the equation true.

				1					
11	-		=	10	3	+		=	
-				-	+				+
					5				2
=				=	=				Ĭ,
9	•	3	=			3	1	=	





Subtraction Tic Tac Toe Subtracting 0 and 1

3-1	6-0	7-1	10-1	3-0	4-1
2-0	9-1	5-0	2-1	7-0	8-1
8-1	1-0	4-1	5-1	6-0	9-1

5-0	1-1	4-0	7-0	8-1	6-0
10-0	8-1	3-0	9-1	4-0	3-1
2-0	7-1	9-0	2-0	1-1	5-0

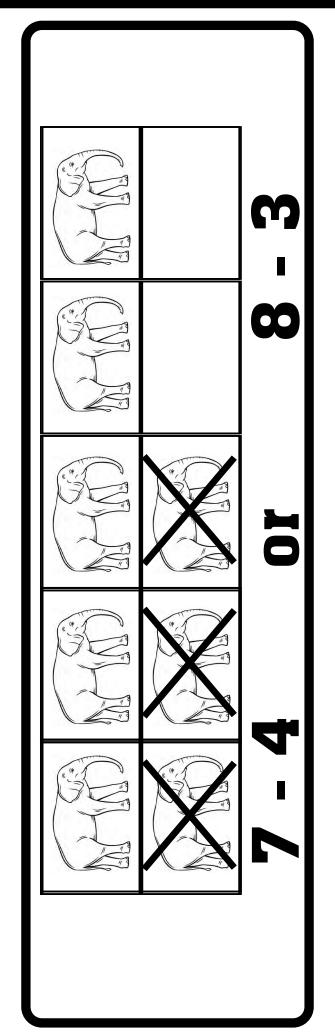
Instructions: Play rock, paper, scissors to see who starts. Then take turns answering a problem on the mat. Whoever gets 3 in a row first wins.

FIND THE SUMS OF 6!

Circle all the sums of 6

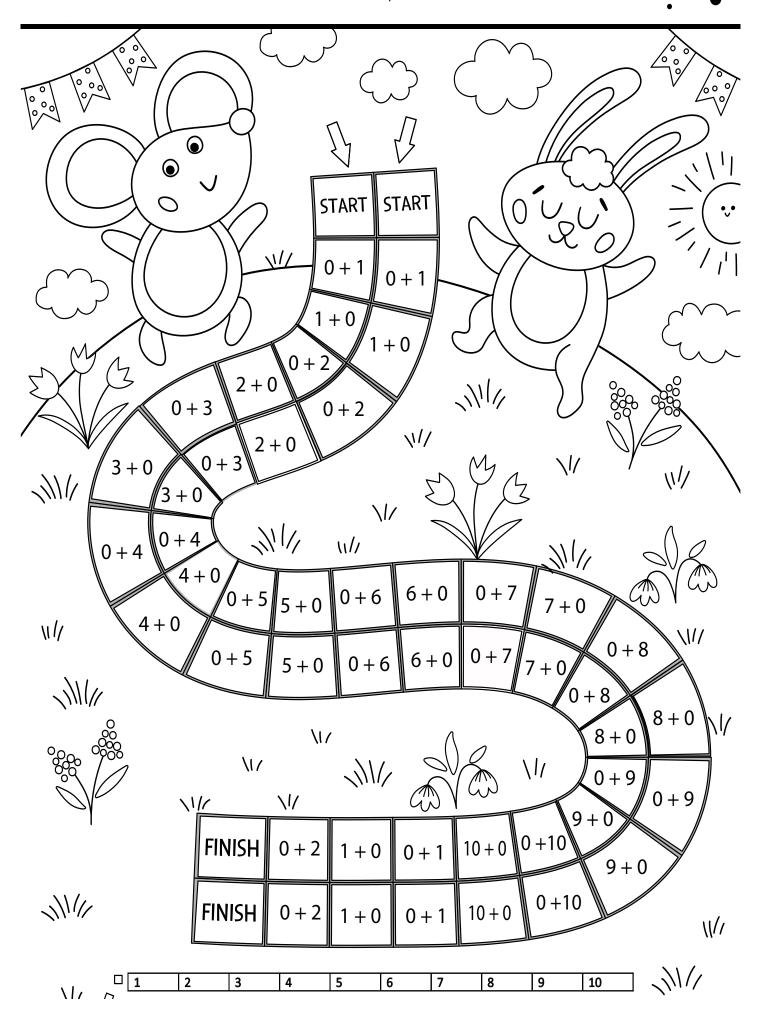
1 3

CIRCLE THE CORRECT EXPRESSION!



Adding 0 and 1

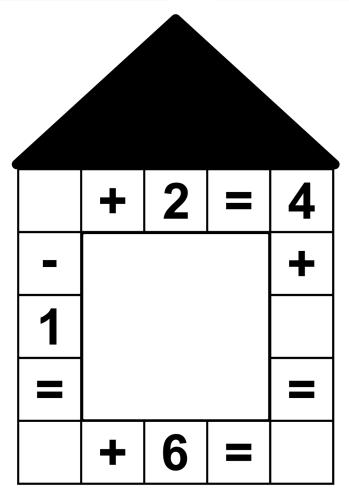
Instructions: Roll the dice. Move and solve the problem. Whoever reaches the end first wins!



MATH CROSSWORD PUZZLES Fill in the missing number to make the equation true.

6	+		Ш	10
+				•
2				
=				=
	-	5	=	

9	•	II	
-			+
			4
=			=
5	+		11



Addition Tic Tac Toe

Adding 1 to a Number

3+1	2+1	10+1	1+5	1+8	1+3
		4+1			
9+1	6+1	8+1	1+2	1+6	1+4

2+1	8+1	6+1	3+1	10+1	7+1
3+1	9+1	10+1	8+1	9+1	6+1
5+1	4+1	7+1	4+1	2+1	5+1

Instructions: Play rock, paper, scissors to see who starts. Then take turns answering a problem on the mat. Whoever gets 3 in a row first wins.

20

FIND THE SUMS OF 7!

Circle all the sums of 7

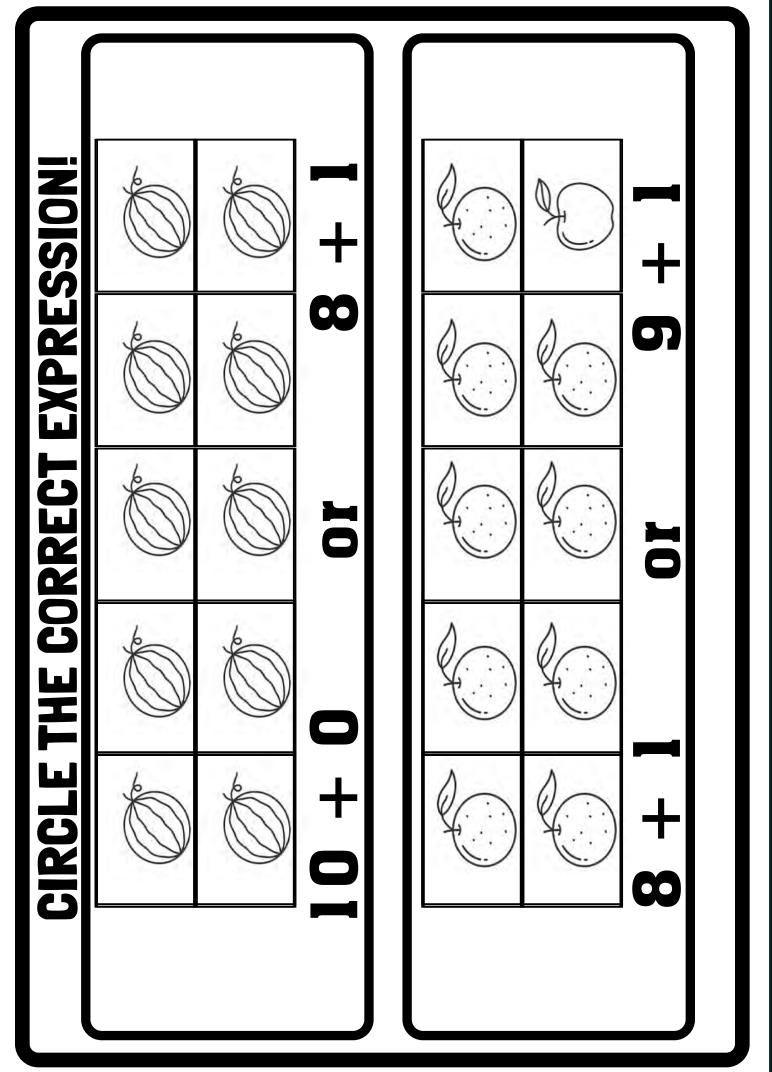
6 1 5 7 8

3 7 12 1 6

5 6 5 3

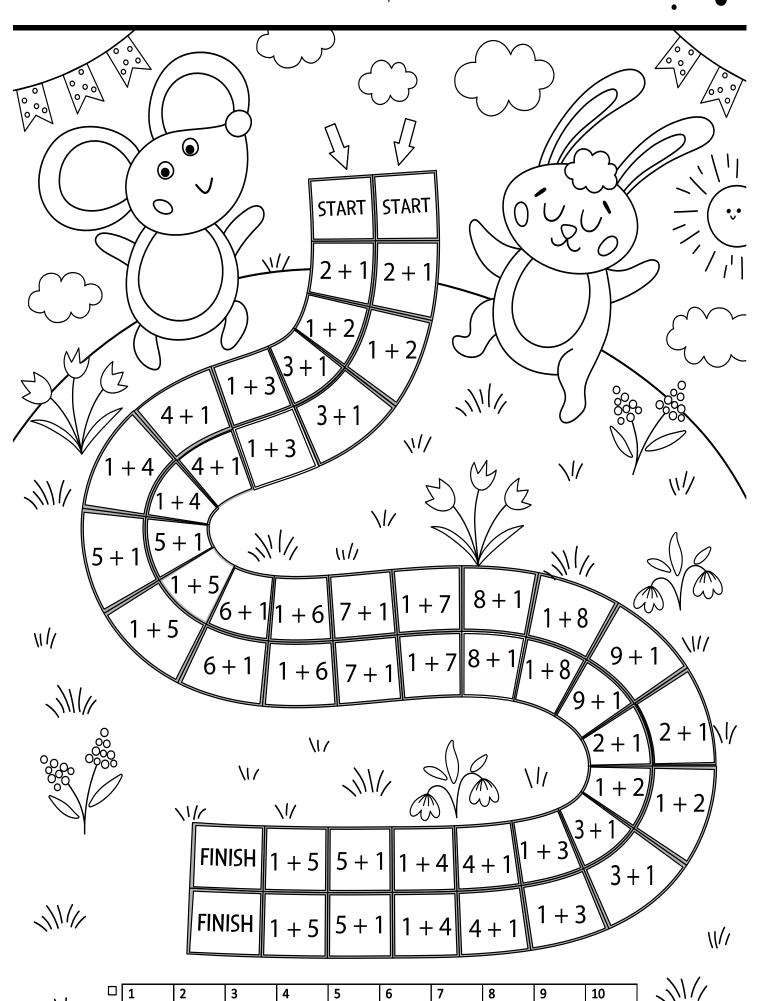
7 3 4 1 2

9 0 2 0 4



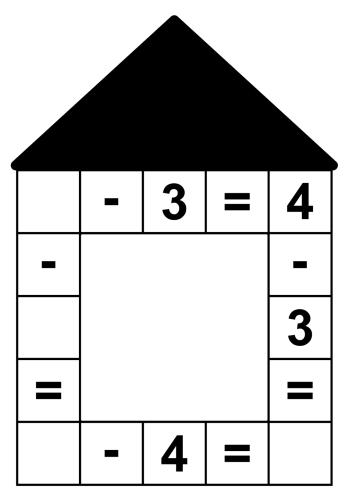
Adding 1 to a number

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

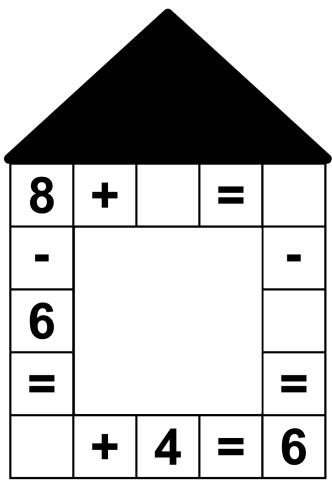


MATH CROSSWORD PUZZLES

Fill in the missing number to make the equation true.



6			II	5
				-
2				
=				=
	-	3		



Subtraction Tic Tac Toe Subtracting Neighbor Numbers Through 10

5-4	9-7	8-6	9-8	7-6	3-2
			4-3		
7-5	3-1	5-3	6-5	5-4	10-8

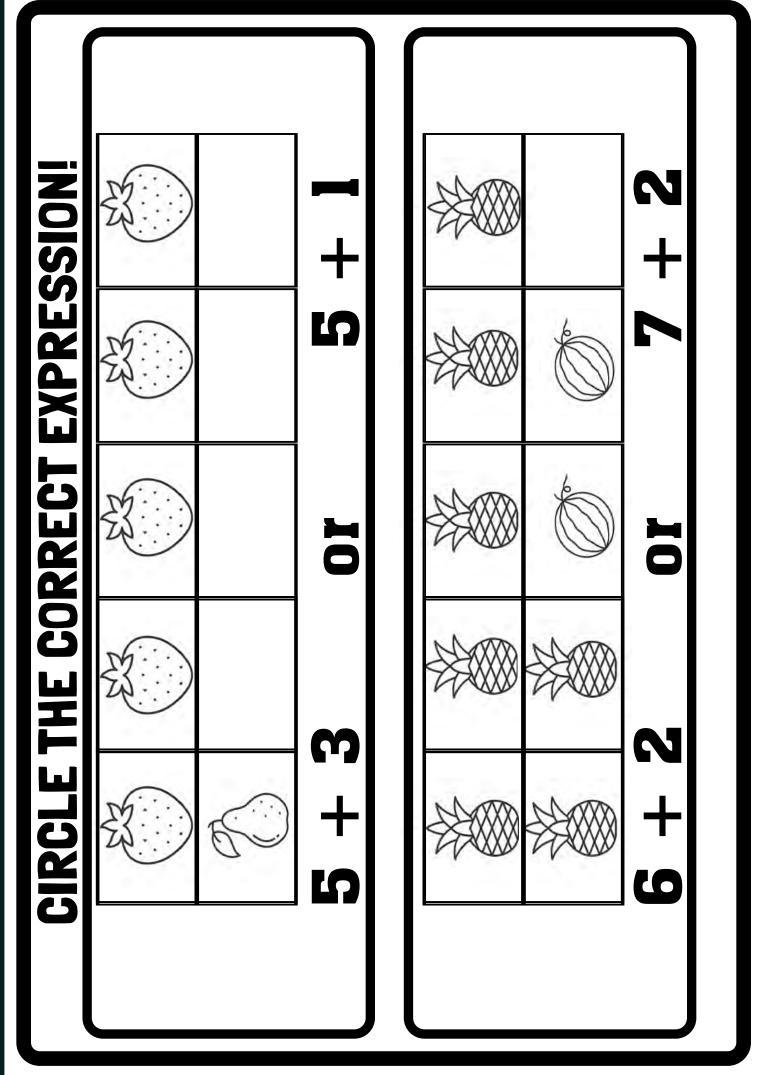
6-4	7-6	9-7	2-1	4-2	10-9
10-9	5-3	3-2	7-5	5-3	7-6
7-5	8-6	3-1	8-6	9-8	6-5

Instructions: Play rock, paper, scissors to see who starts. Then take turns answering a problem on the mat. Whoever gets 3 in a row first wins.

FIND THE SUMS OF 8!

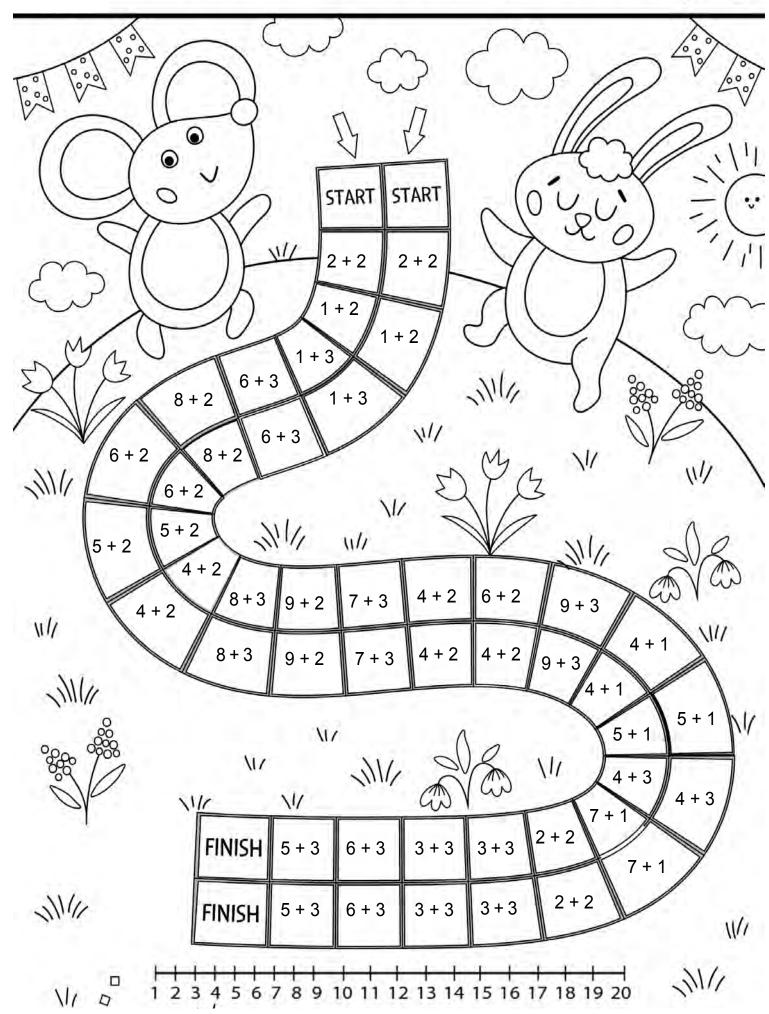
Circle all the sums of 8

8 4



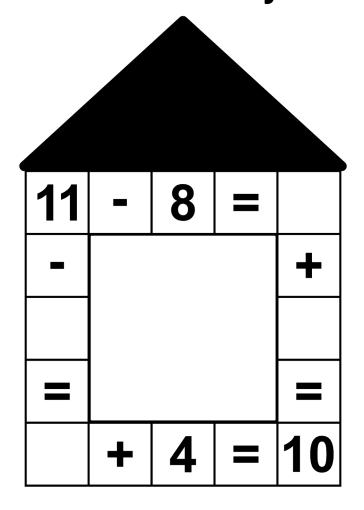
COUNT ON FACTS

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

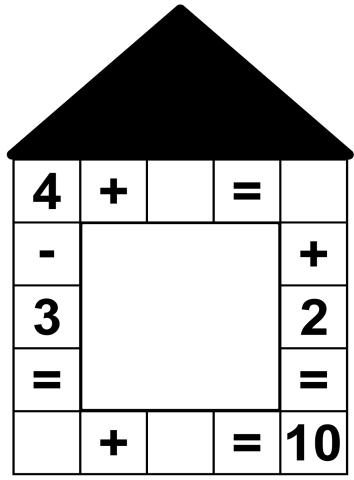


MATH CROSSWORD PUZZLES

Fill in the missing number to make the equation true.



3	+	II	
+			-
			4
=			=
7	-	=	6



Addition Tic Tac Toe

Counting on

8+1	6+1	1+1	0+2	7+2	4+2
5+1	9+1	3+1	6+2	2+2	9+2
4+1	7+1	2+1	8+2	3+2	5+2

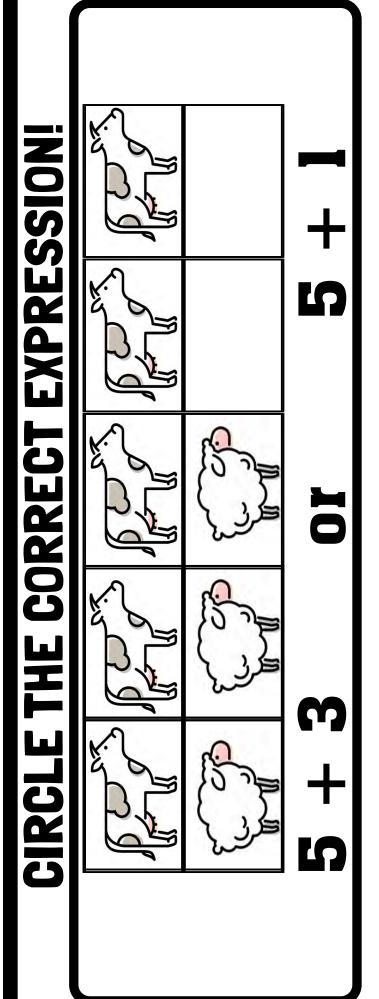
7+3	6+3	2+3	8+4	2+4	9+4
5+3	9+3	8+3	4+4	6+4	5+4
1+3	4+3	3+3	7+4	1+4	3+4

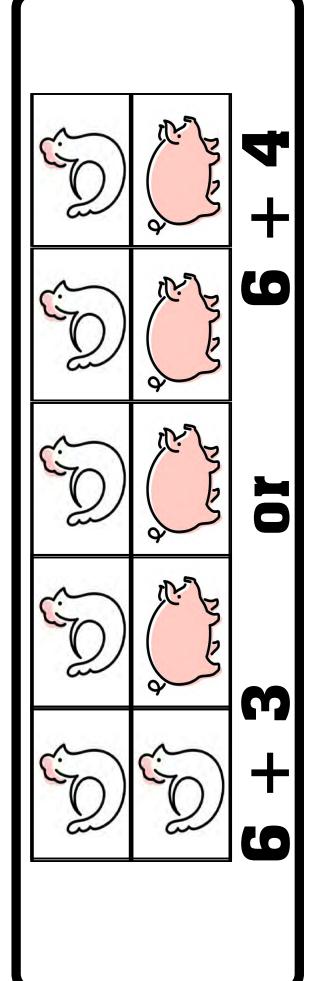
Instructions: Play rock, paper, scissors to see who starts. Then take turns answering a problem on the mat. Whoever gets 3 in a row first wins.

FIND THE SUMS OF 9!

Circle all the sums of 9

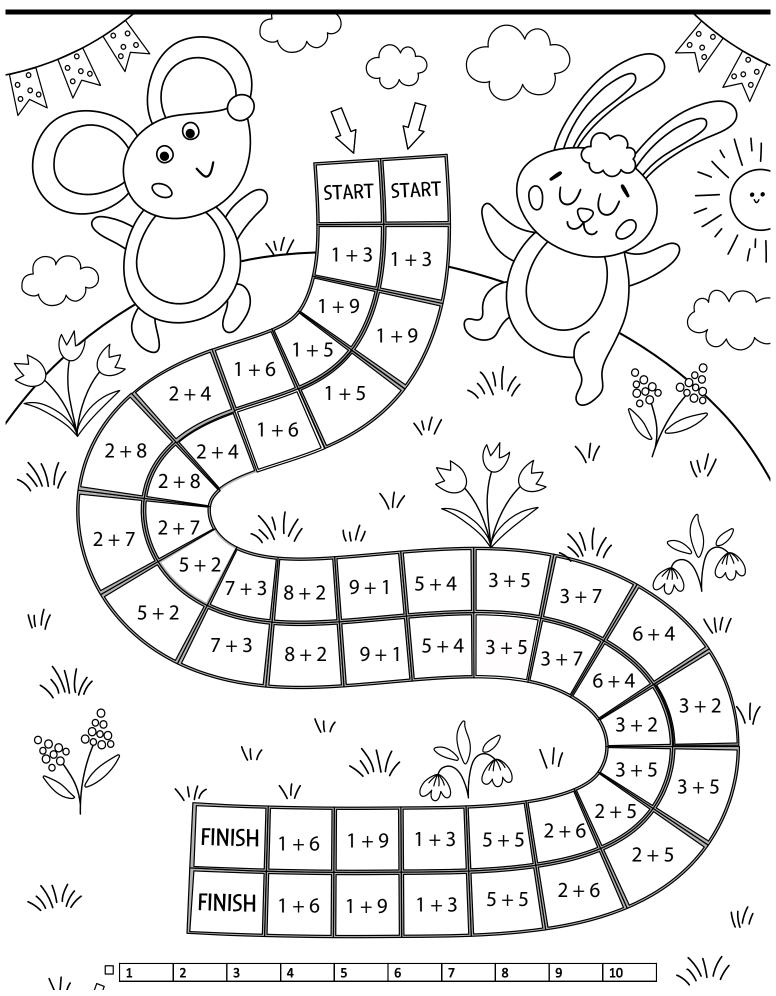
7 2



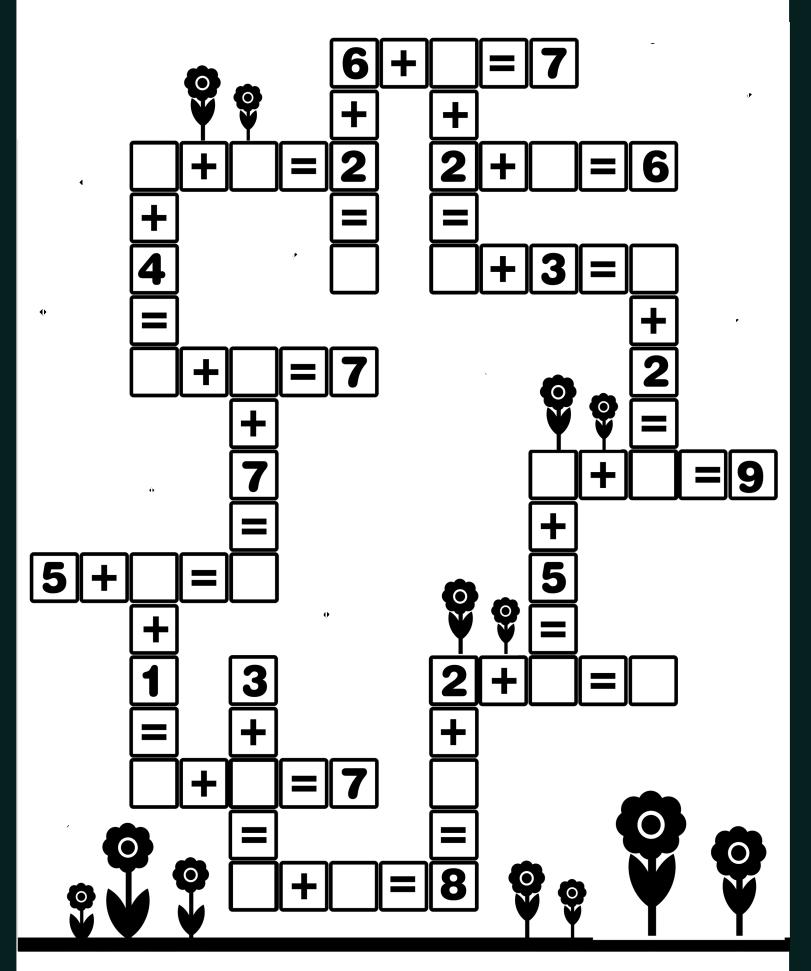


Adding within 10

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



ATH CROSSWORD PUZZLES Fill in the missing number to make the equation true.



Subtraction Tic Tac Toe Subtracting from 10

	10-0	10-6	10-8	10-4	10-9	10-2
	10-5	10-2	10-7	10-7	10-4	10-3
•	10-1	10-9	10-3	10-6	10-1	10-5

10-7	10-8	10-6	10-5	10-7	10-0
10-9	10-1	10-5	10-4	10-9	10-1
10-2	10-4	10-3	10-2	10-6	10-5

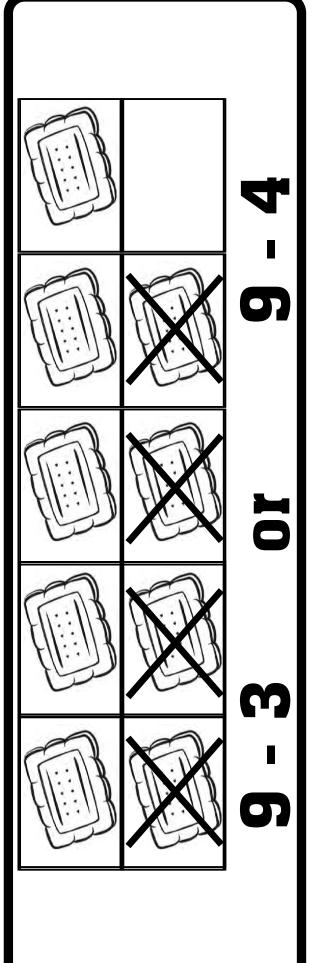
Instructions: Play rock, paper, scissors to see who starts. Then take turns answering a problem on the mat. Whoever gets 3 in a row first wins.

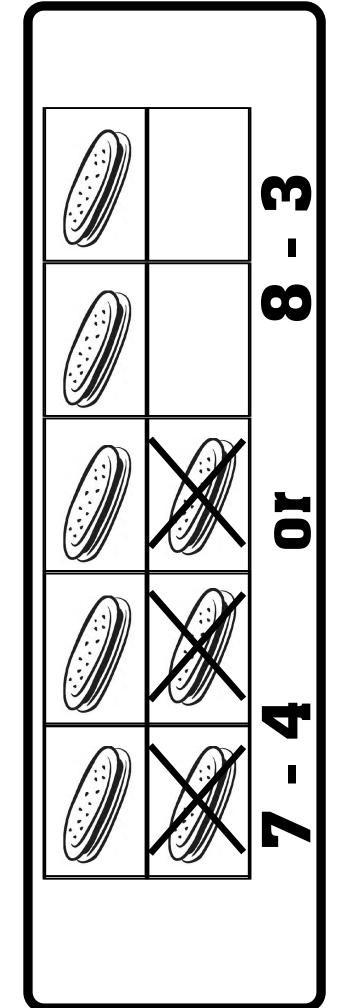
38

FIND THE SUMS OF 10!

Circle all the sums of IO

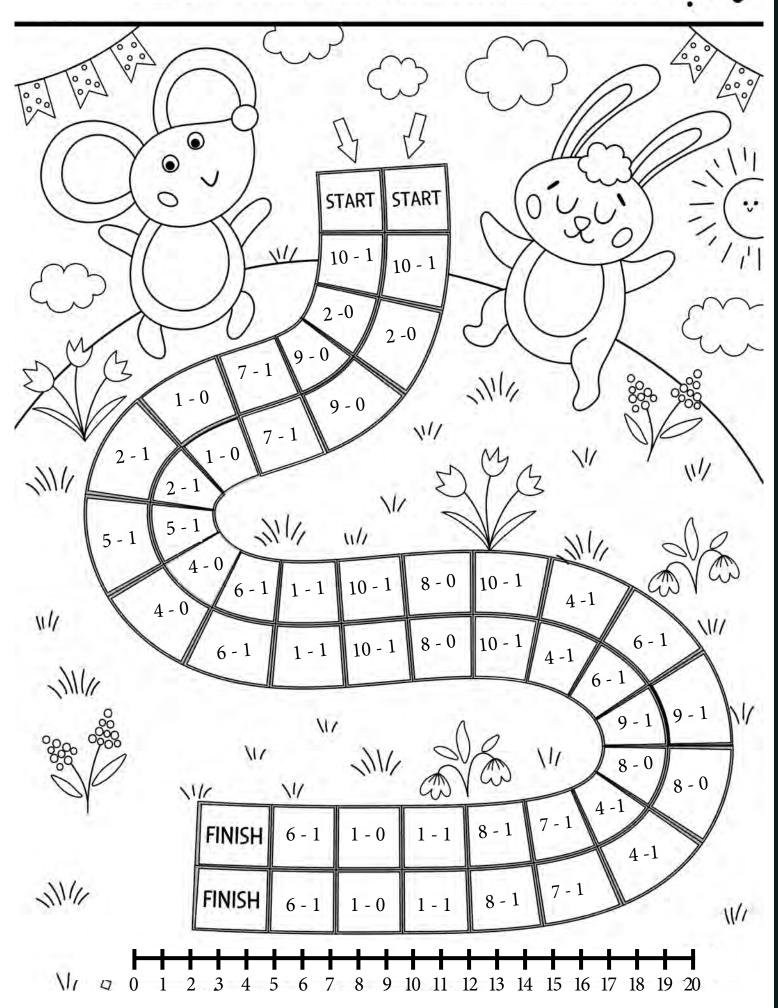
CIRCLE THE CORRECT EXPRESSION!





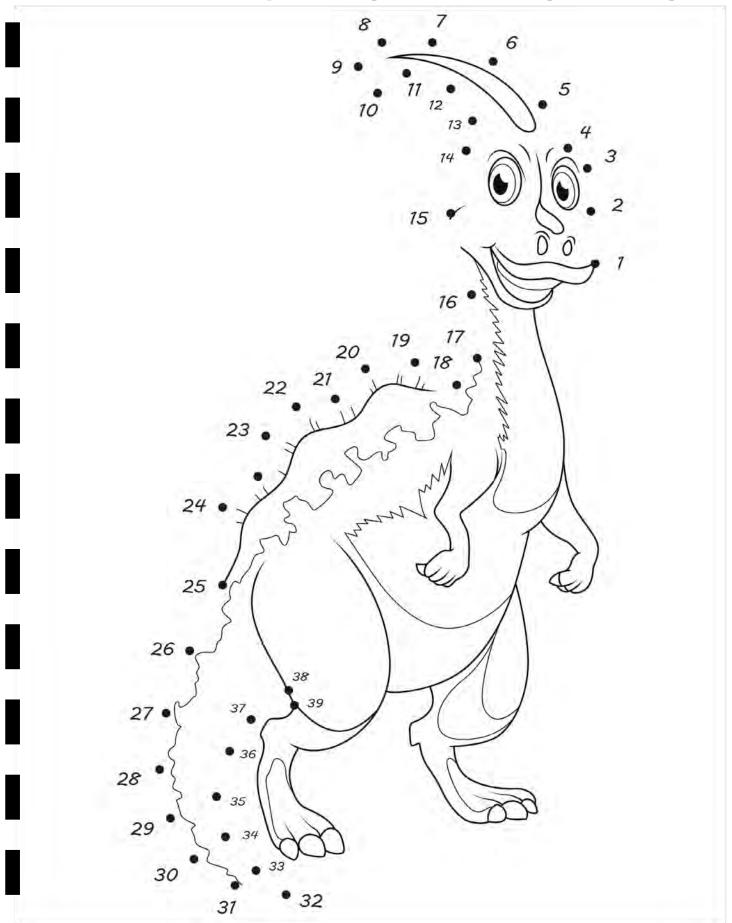
Subtracting 0 and 1

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



DINOSAUR DOT GAME

Start at the number I and connect the dots in order.



Addition Tic Tac Toe

Adding within 10

4+5	3+7	4+6	7+1	8+2	2+3
			3+3		
6+2	2+2	1+1	4+3	1+9	2+6

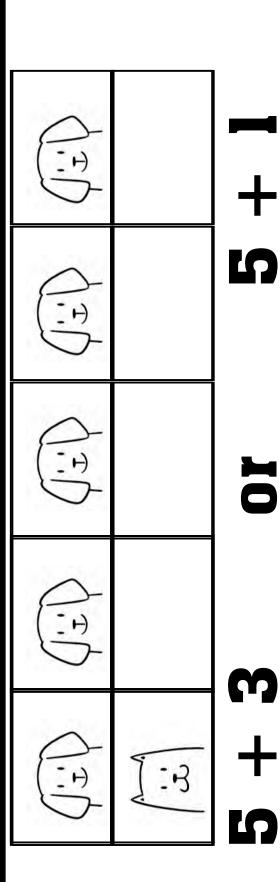
8+1	5+4	2+7	2+4	1+1	3+2
			6+1		
2+6	1+9	2+1	2+7	8+2	6+3

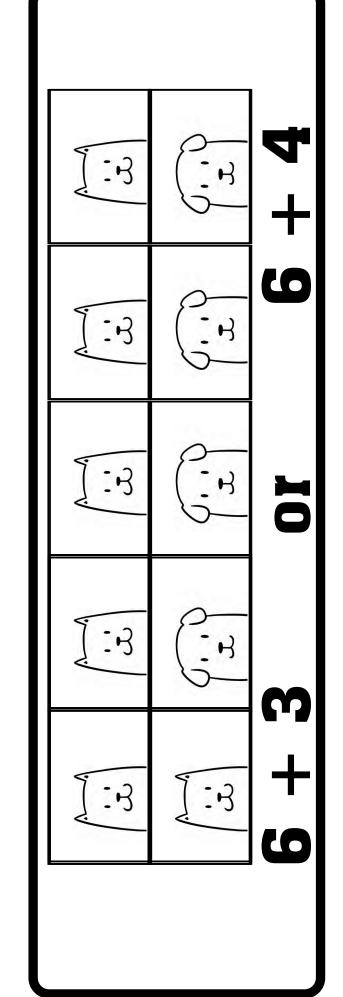
Instructions: Play rock, paper, scissors to see who starts. Then take turns answering a problem on the mat. Whoever gets 3 in a row first wins.

FIND THE SUMS OF 15!

Circle all the sums of 15

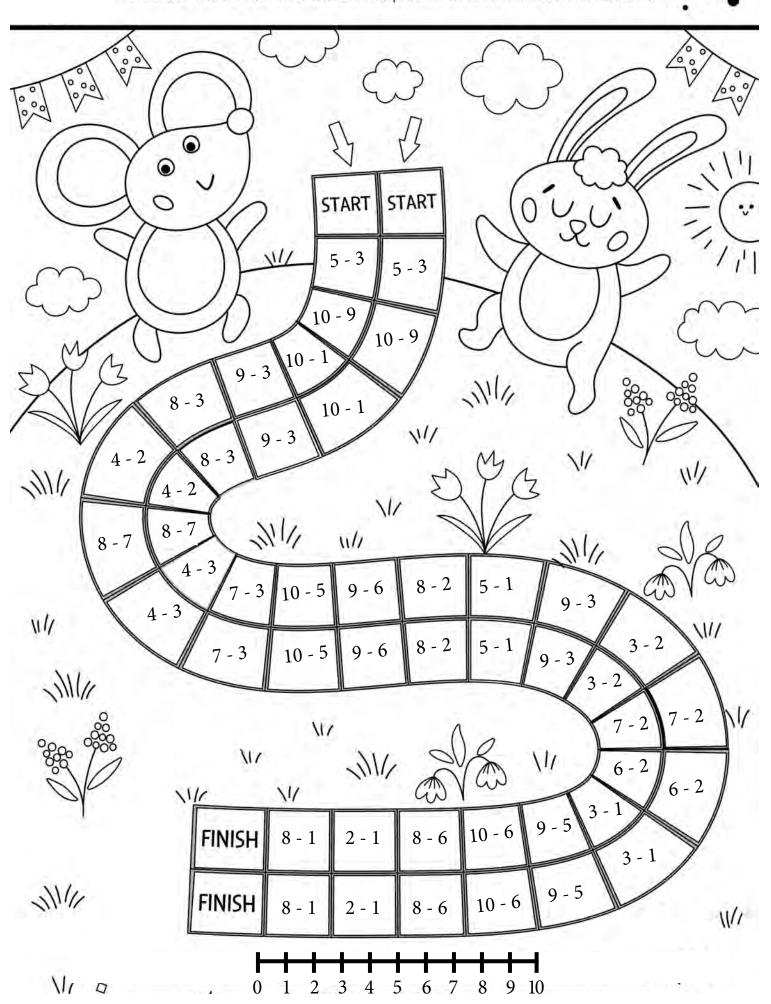
CIRCLE THE CORRECT EXPRESSION!





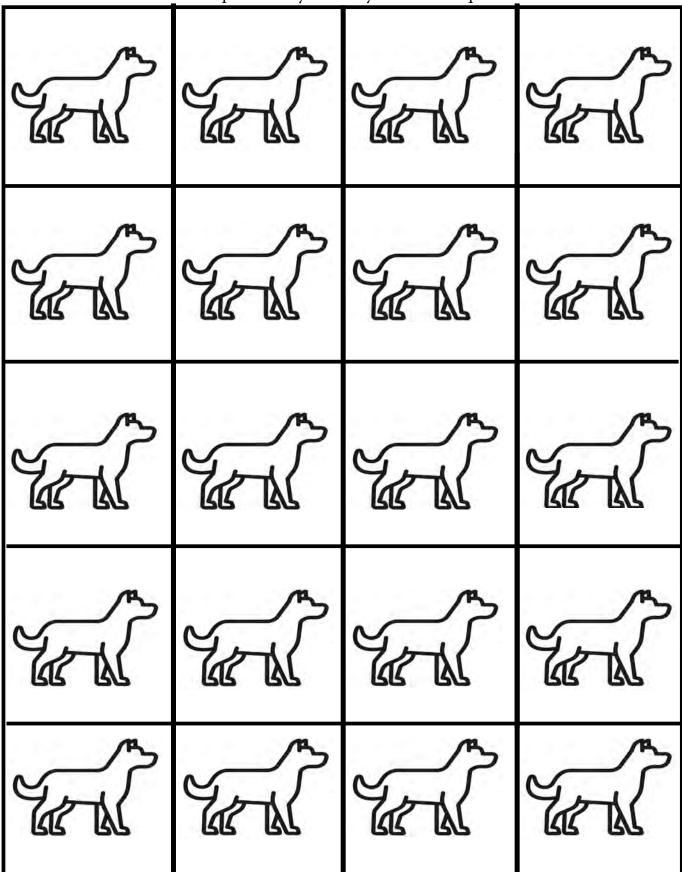
Subtract within 10

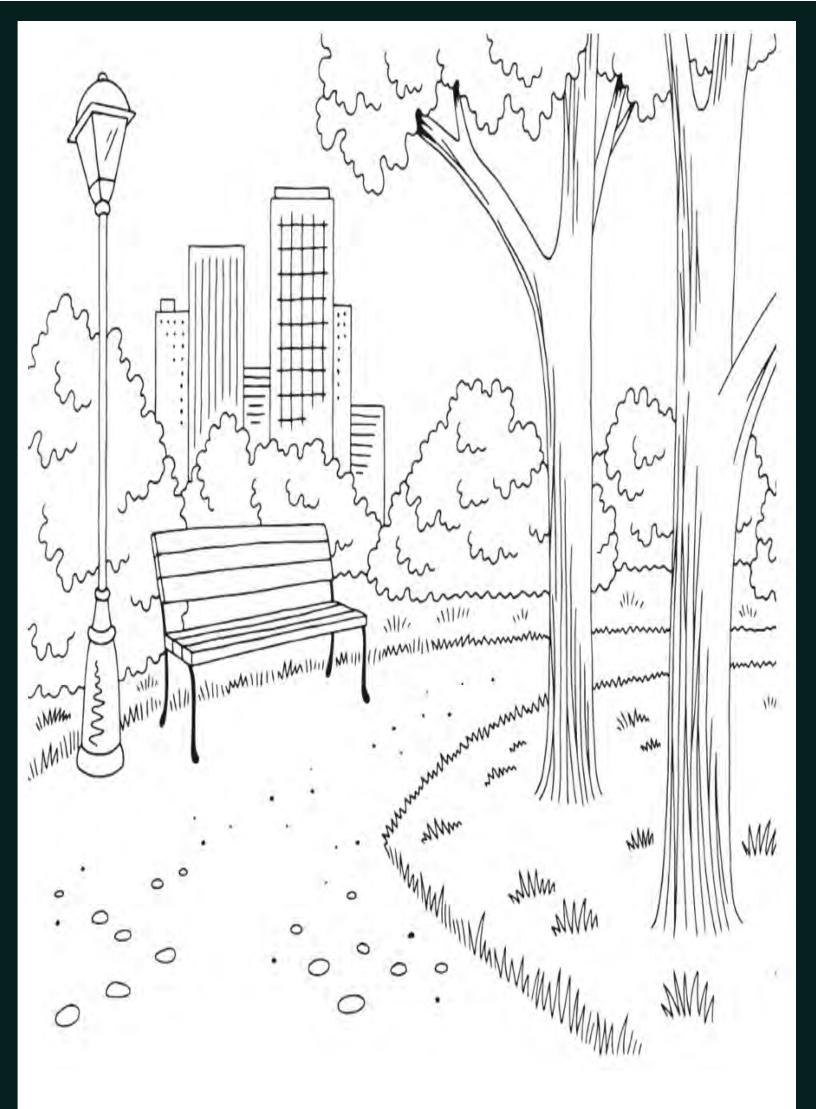
Instructions: Roll the dice. Move and solve the problem. Whoever reaches the end first wins!



STORY TELLING MATS

Pull a flashcard and act it out on the story mat. Draw a picture of your story. Write the equation.





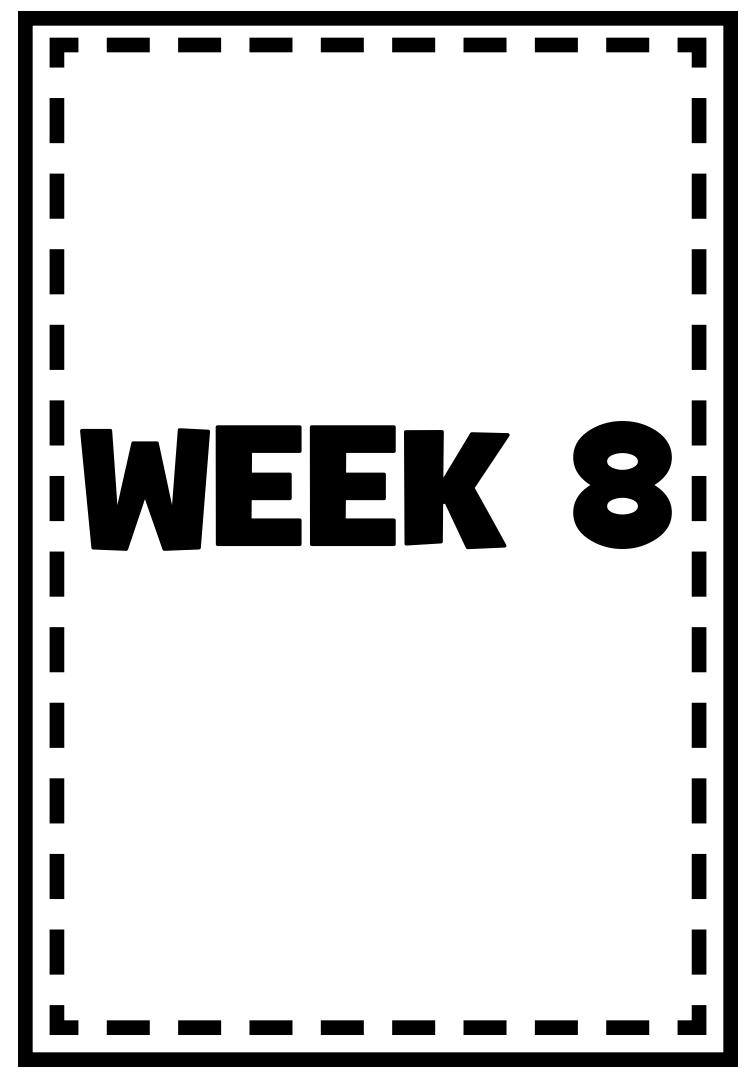
Draw a picture of your story.
Write very equation
Write your equation.
+ =
Draw a picture of your story.
Write your equation.
+ =

ADDING WITHIN IO Use these cards and act out the story on the mat with the dogs.

I + 2] +]
I + 4	I + 3
3 + 2	2 + 2
5 + 0	2 + 4
2 + 5	2 + 6
2 + 7	2 + 8
3 + 3	3 + 4
3 + 5	3 + 6

ADDING WITHIN IO Use these cards and act out the story on the mat with the dogs.

3 + 7	4 + 6
5 + 5	3 + I
2 + I	4 + 2
4 + I	6 + 2
2 + 3	8 + 2
5 + 2	4 + 3
7 + 2	6 + 3
4 + 4	6 + 4



Subtraction Tic Tac Toe Subtracting 10

12-10	13-10	19-10	20-10	17-10	19-10
16-10	11-10	15-10	11-10	16-10	13-10
17-10	18-10	14-10	15-10	12-10	14-10

14-10	16-10	20-10	19-10	18-10	11-10
17-10	13-10	12-10	17-10	12-10	15-10
19-10	11-10	15-10	14-10	16-10	13-10

Instructions: Play rock, paper, scissors to see who starts. Then take turns answering a problem on the mat. Whoever gets 3 in a row first wins.

54

FIND THE SUMS OF 20!

Circle all the sums of 20

1 12 8 6 11

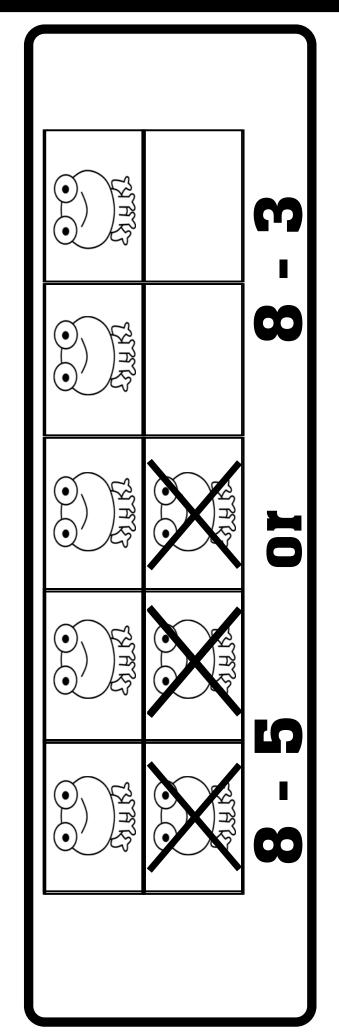
10 2 14 1 9

10 1 6 7 2

7 18 0 1 12

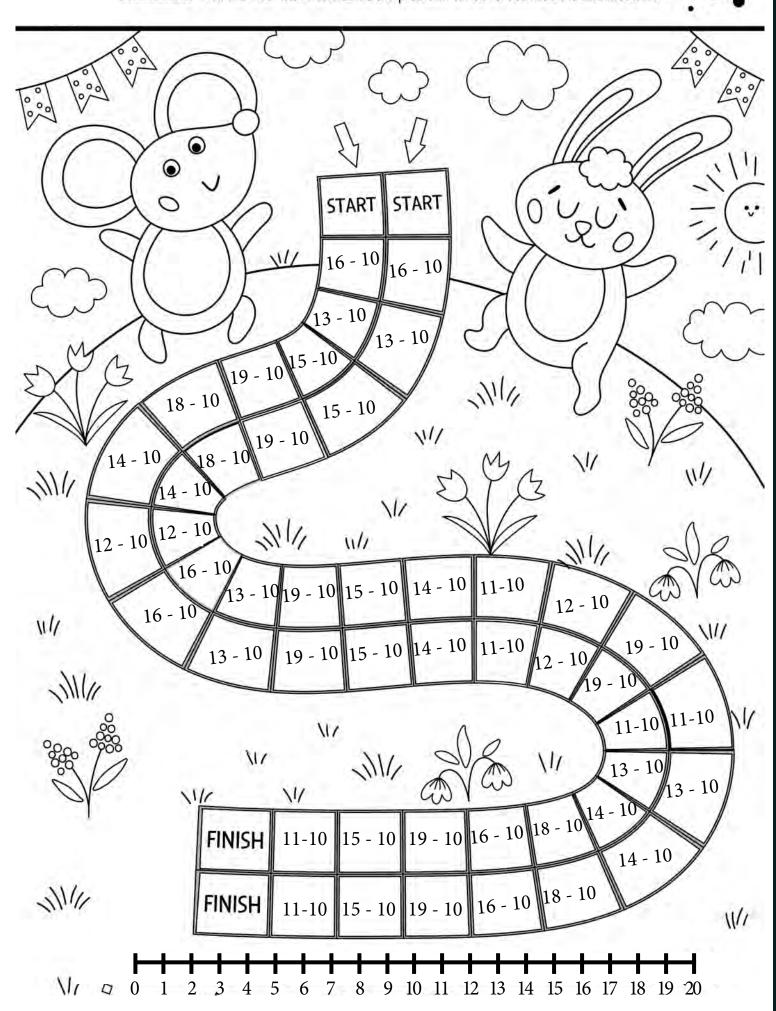
0 5 2 8 4

CIRCLE THE CORRECT EXPRESSION!



Take away 10

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



MATH CROSSWORD PUZZLES Fill in the missing number to make the equation true.

	ı	6	II	
				+
				9
=				=
4	+		=	10

1	+	5		
+				+
=				=
	+	5	=	9

	+	5	II	6
+				
				4
9			II	

3		II	
+			•
2			0
=			=
			2

SUMMER MATH SURVEY!

QI: What was your favorite math activity in this packet?

Q2: What was kind of tricky? What strategies did you use to help you?

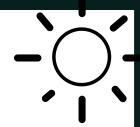
Q3: What do you need to continue to practice?

Q4: How do you feel about math?













THE END HOPE YOU HAD A GREAT SUMMER!









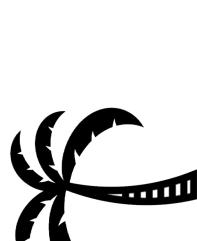
10010

Hou did it!

You have finished the summer packet! CONGRATULATIONS TO YOU!









ANSWER KEY

WEEK 1,2,3,4, 5,6,7 & 8 (Addition and Subtraction answers)

ADDITION TABLE

+	1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10	11
2	3	4	5	6	7	8	9	10	11	12
3	4	5	6	7	8	9	10	11	12	13
4	5	6	7	8	9	10	11	12	13	14
5	6	7	8	9	10	11	12	13	14	15
6	7	8	9	10	11	12	13	14	15	16
7	8	9	10	11	12	13	14	15	16	17
8	9	10	11	12	13	14	15	16	17	18
9	10	11	12	13	14	15	16	17	18	19
10	11	12	13	14	15	16	17	18	19	20

ADDITION TABLE

9		∞	0	0	_	$\underline{\sim}$	$\overline{\mathbb{C}}$	=	2
•	•	•	•	•	**	**	•	••	11
-+	5 + 2	+	+	2 + 2	+	+	+	+	+
 ع	9 =	_ =	∞ "	6	<u></u>		= [5	<u>~</u>	<u>=</u>
_ + _	+	+	+	+ +	+	+	+	6++	0 + +
-	" D			∞ "				= [5	<u>~</u>
+ ~	+	+	+	S +	+	+	+	+	3 + 10
••	11	11	11	_ = (11	11	11	11	11
+	+	+	+	2 + 5	+	+	+	+	+
				9 =					
				+					

ADDITION TABLE

C										7	
6+1 = 7 7+1 = 8 8+1 = 9 9+1 = 10 10+4 6+2 = 8 7+2 = 9 8+2 = 10 9+2 = 11 10+4 6+3 = 9 7+3 = 10 8+3 = 11 9+3 = 11 10+4 6+4 = 10 7+4 = 11 8+4 = 12 9+4 = 13 10+4 6+5 = 11 7+5 = 12 8+5 = 13 9+5 = 14 10+4 6+6 = 12 7+6 = 13 8+6 = 14 9+6 = 15 10+4 6+7 = 13 8+7 = 15 8+8 = 16 9+7 = 16 10+4 6+8 = 14 7+8 = 15 8+8 = 16 9+8 = 17 10+4 6+9 = 15 7+10 = 17 8+10 = 18 9+10 = 19 10+4	11	11	11	11	11	11	11	11	11	11	
6+1 = 7 7+1 = 8 8+1 = 9 9+1 = 10 10		~	\sim	_	2	9		∞	0	0	
6 + 1 = 7	+	+	+	+	+	+	+	+	+	+	
6+1 = 7 7+1 = 8 8+1 = 9 9+1 = 6+2 = 8 7+2 = 9 8+2 = 10 9+2 = 6+3 = 9 7+3 = 10 8+3 = 11 9+3 = 6+4 = 10 7+4 = 11 8+4 = 12 9+4 = 6+5 = 11 7+5 = 12 8+5 = 13 9+5 = 6+6 = 12 7+6 = 13 8+6 = 14 9+6 = 6+7 = 13 8+6 = 14 9+6 = 6+8 = 14 7+8 = 15 9+8 = 6+9 = 15 7+9 = 16 8+9 = 17 9+9 = 6+10 = 16 7+10 = 17 8+10 = 8 9+10 =	9	0	0	0	0	0	0	0	0	9	
6+1 = 7 7+1 = 8 8+1 = 9 9+1 = 6+2 = 8 7+2 = 9 8+2 = 10 9+2 = 6+3 = 9 7+3 = 10 8+3 = 11 9+3 = 6+4 = 10 7+4 = 11 8+4 = 12 9+4 = 6+5 = 11 7+5 = 12 8+5 = 13 9+5 = 6+6 = 12 7+6 = 13 8+6 = 14 9+6 = 6+7 = 13 8+6 = 14 9+6 = 6+8 = 14 7+8 = 15 9+8 = 6+9 = 15 7+9 = 16 8+9 = 17 9+9 = 6+10 = 16 7+10 = 17 8+10 = 8 9+10 =											
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6+1 = 7 7+1 = 8 8+1 = 9 9+1 6+2 = 8 7+2 = 10 9+2 6+3 = 9 7+3 = 10 8+3 = 11 9+3 6+4 = 10 7+4 = 11 8+4 = 12 9+4 6+5 = 11 7+5 = 12 8+5 = 13 9+5 6+6 = 12 7+6 = 13 8+6 = 14 9+6 6+7 = 13 7+7 = 14 8+7 = 15 9+8 6+8 = 14 7+8 = 15 8+8 = 16 9+8 6+9 = 16 7+9 = 16 8+9 = 17 9+9 6+10 = 16 7+10 = 17 8+10 = 18 9+10											
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6 + 1 = 7 7 + 1 = 8 8 + 1 = 6 + 2 = 8 7 + 2 = 9 8 + 2 = 6 + 3 = 9 7 + 3 = 10 8 + 3 = 6 + 4 = 10 7 + 4 = 11 8 + 4 = 6 + 5 = 11 7 + 5 = 12 8 + 4 = 6 + 6 = 12 7 + 6 = 13 8 + 6 = 6 + 7 = 13 7 + 7 = 14 8 + 7 = 6 + 8 = 14 7 + 8 = 15 8 + 8 = 6 + 9 = 15 7 + 9 = 16 8 + 9 = 6 + 9 = 16 7 + 10 = 17 8 + 10 =	6	6	6	6	6	6	6	6	6	6	
6 + 1 = 7 7 + 1 = 8 8 + 1 = 6 + 2 = 8 7 + 2 = 9 8 + 2 = 6 + 3 = 9 7 + 3 = 10 8 + 3 = 6 + 4 = 10 7 + 4 = 11 8 + 4 = 6 + 5 = 11 7 + 5 = 12 8 + 4 = 6 + 6 = 12 7 + 6 = 13 8 + 6 = 6 + 7 = 13 7 + 7 = 14 8 + 7 = 6 + 8 = 14 7 + 8 = 15 8 + 8 = 6 + 9 = 15 7 + 9 = 16 8 + 9 = 6 + 9 = 16 7 + 10 = 17 8 + 10 =											
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6 + 1 = 7											
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6 + 1 = 7											•
6 + 1 = 7											
6 + 1 = 7 $6 + 2 = 8$ $7 + 2$ $6 + 3 = 9$ $7 + 3$ $6 + 4 = 10$ $7 + 4$ $6 + 6 = 12$ $7 + 6$ $6 + 7 = 13$ $7 + 7$ $6 + 8 = 14$ $7 + 8$ $6 + 9 = 15$ $7 + 10$	∞	6	0	_	2	$\overline{\mathbb{C}}$		5	9		
6 + 1 = 7	11	**	***	• • • • • • • • • • • • • • • • • • • •	• • •	**	• •	• • •	••	11	
6 + 1 = 7		~	\sim	_	LO	9		∞	0	0	
	+	+	+	+	+		+	+	+	+	
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		~	\sim	_	2	9		∞	0	0	
	+	+	+	+	+	+	+	+	+	+	
Fluency Playground LLC www.mathfactfluencyplayground.co	9	9	9	9	9	9	9	9	9	9	
Fluency Playground LLC www.mathfactfluencyplayground.co											
	Fluency Pl	ayground	LLC				www.m	athfactfl	uencypla	yground.	_ .c

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<u>6</u>

SUBTRACTION TABLE

0) (GS) |-|= 0 |-|= 0 |-|= 1 |3-|= 2 |4-|= 3 |5-|= 4 |6-|= 5 |7-|= 6 |8-|= 7 |9-|= 8 |0-|= 9 |1-|= 10 |2-|= 1

2 - I = I 2 - 2 = 0 3 - 2 = I 4 - 2 = 2 5 - 2 = 3 6 - 2 = 4 7 - 2 = 5 8 - 2 = 6 9 - 2 = 7 10 - 2 = 8 II - 2 = 9 12 - 2 = 10

3		1	=	5
			=	
			=	
			=	
5	_	3	=	2
6	_	3	=	3
7	_	3	=	4
8	-	3	=	5
9	-	3	=	6
IC	١.	3	=	7
	-	3	=	8
12		3	=	9

12	K		8	7	6	5	4	4		
٠.) -		-	-	-		4	÷		
. 4	4		4	4	4	4	4	3		
=	=	=	=	=	=	=	=	=	=	=
8	6		4	3	2	I	0	I		

			=
5	-	3	=
5	_	4	=
5	_	5	=
6	-	5	=
7	_	5	=
8	-	5	=
9	-	5	=
K) -	5	=
I	-	5	=
12		5	=

666666	2 3 4 4		5 4 3 2
7 -			
8 -	6	=	2
9 .			
Ю	- 6 6	=	4
II.	6	=	5
12	- 6	=	6

SEVENS 7 - 1 = 6 7 - 2 = 5 7 - 3 = 4 7 - 4 = 3 7 - 5 = 2 7 - 6 = 1 7 - 7 = 0 8 - 7 = 1 9 - 7 = 2 10 - 7 = 3 11 - 7 = 4 12 - 7 = 5

II	K	9	8	8	B	B	8	8	8	8
-	-	-	-	-	-	-	-	-	-	-
8	_	8	8	4	4	4	4	3	2	1
=	=	=	=	=	=	=	=	=	=	=
3	-	I	0	1	2	3	4	5	6	7

N	= 8 2 = 7
100	= 6
9 - 4	= 5
9 - 5	= 4
9 - 6	= 3
9 - 7	7 = 2
9 - 8	3 = 1
9 - 9) = 0
10 -	1 = 6
11 -	9 = 2
12 -	9 = 3

10	-	1 :	= '	9
10	-	2	=	8
10	-	3	=	7
10	-	4	=	6
10	_	5	=	5
10	-	6	=	4
10	-	7	=	3
10	-	8	=	2
10	_	9	=	I
Ю	_	10	=	0
H	-	10	=	: 1
12	_	10	=	: 2

11	-	2	=
			==
		- 7.	==
			=
			=
II	-	11	=

12	-	l :	=	
12	-	2	=1	0
12	-	3	=	9
12	_	4	=	8
12	_	5	=	7
12	_	6	=	6
12	-	7	=	5
12	_	8	=	4
12	_	9	=	3
12	_	Ю	=	2
12	-	II	=	1
12	_	12	=	(

WEEK

FIND THE SUMS OF 5!

Circle all the sums of 5

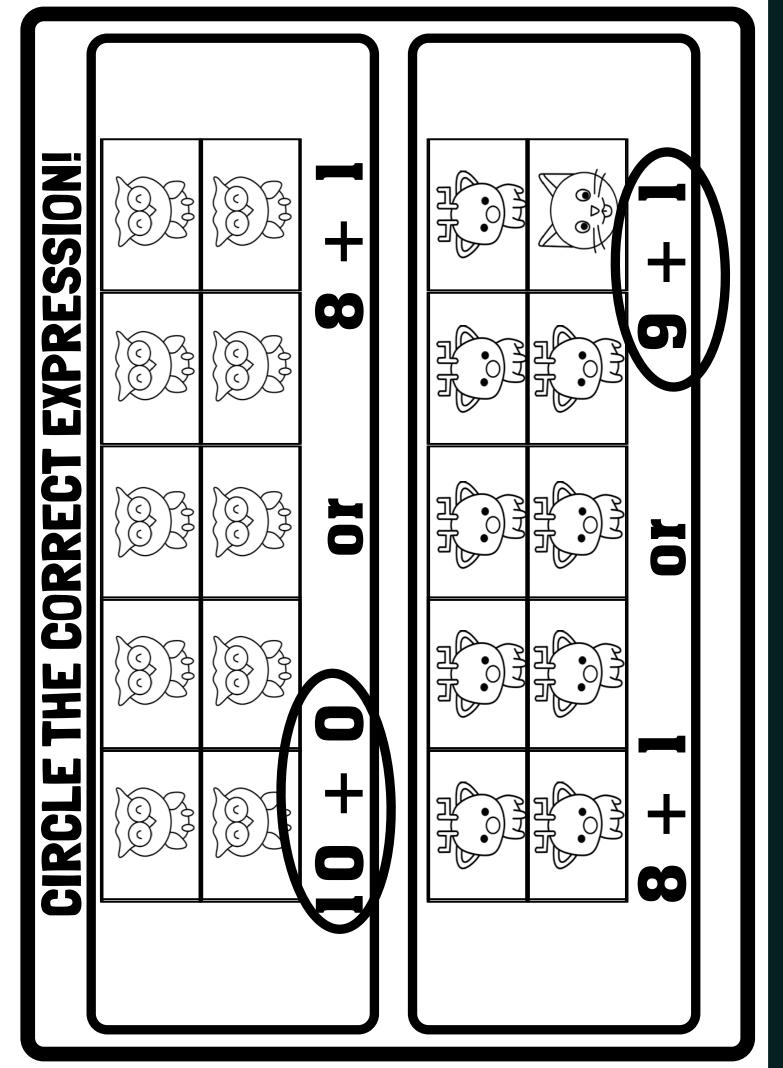
1 12 4 6 11

3 2 12 1 9

(4 1) 6 2

7 18 0 1 13

0 5 2 8 4



MATH CROSSWORD PUZZLES

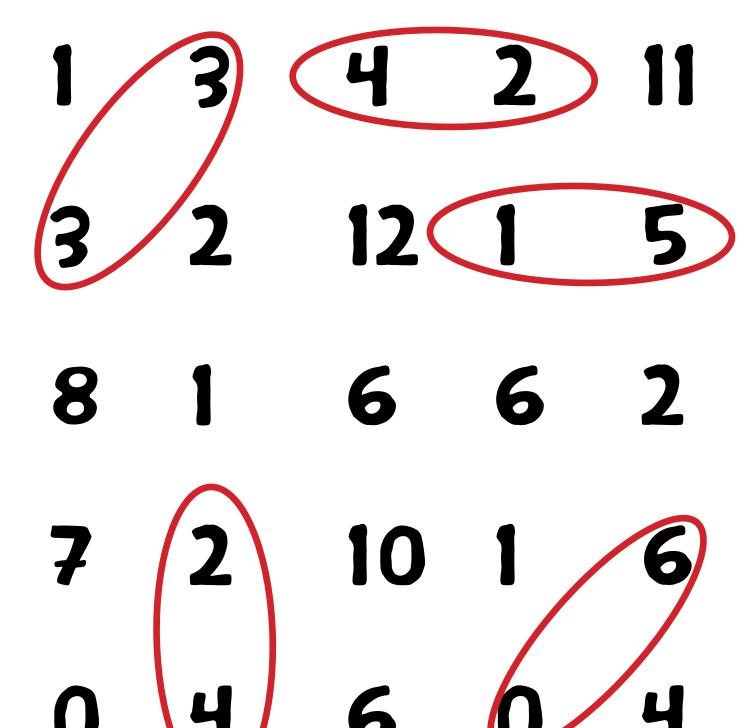
Fill in the missing number to make the equation true.

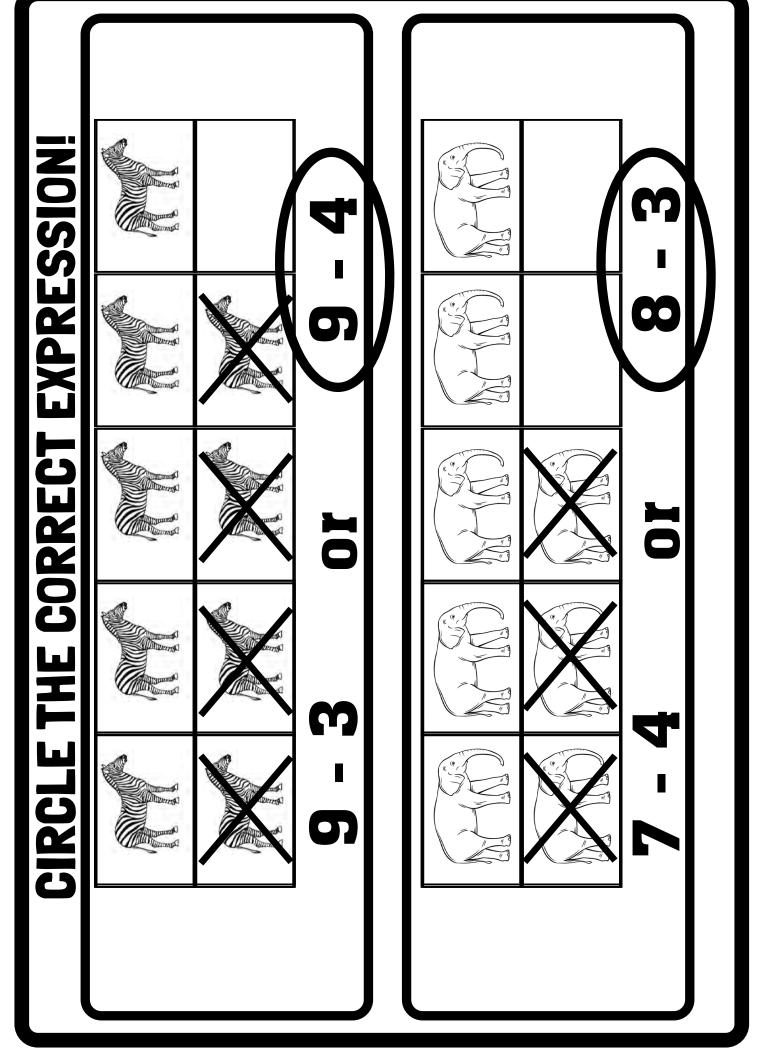
11	-	1	=	10	3	+	2	=	5
-				-	+				+
2				4	5				2
=				=					=
9	-	3	=	6	8	3	1	=	7

2	+	7		9
+				+
5				5
=				=
7	+	7	=	14

FIND THE SUMS OF 6!

Circle all the sums of 6

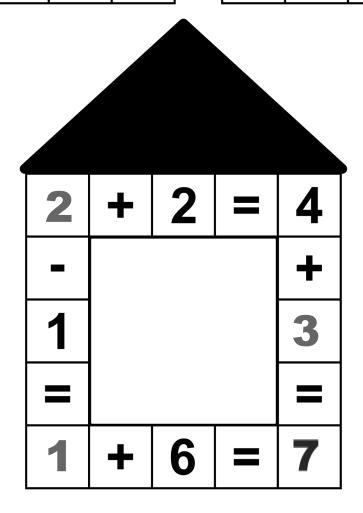




MATH CROSSWORD PUZZLES Fill in the missing number to make the equation true.

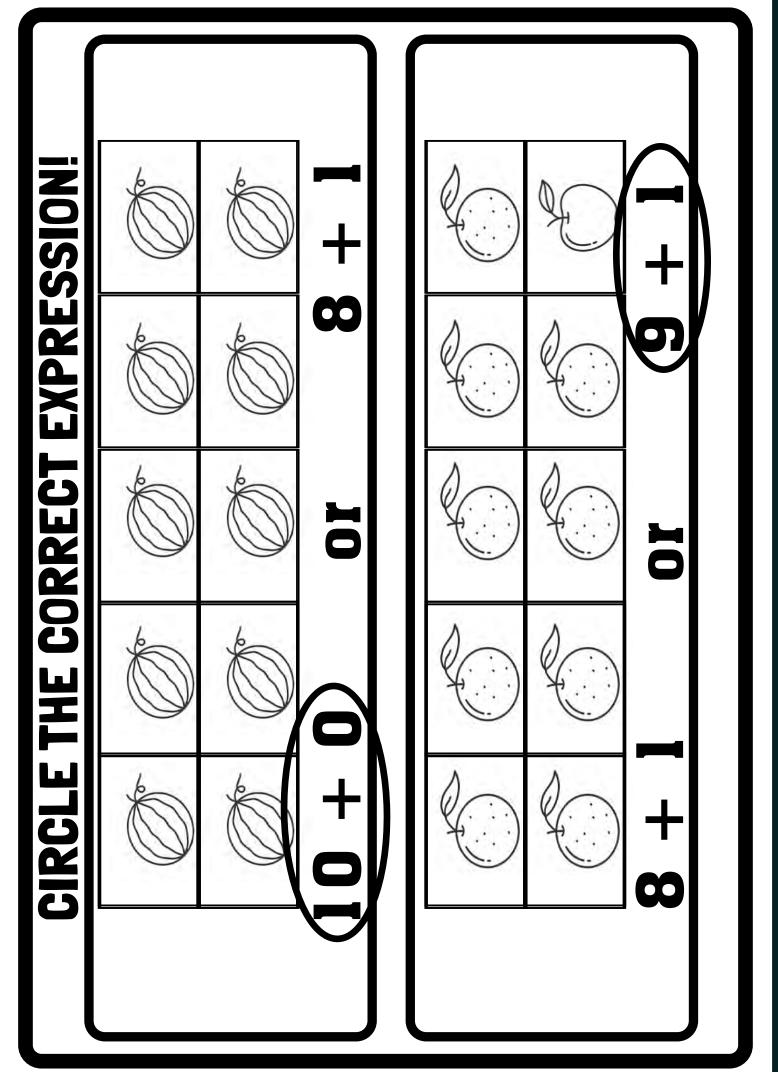
6	+	4	H	10
+				-
2				7
=				=
8		5	=	3

9	•	6	=	7
-				+
4				4
=				=
5	+	6	=	11



FIND THE SUMS OF 7!

Circle all the sums of 7

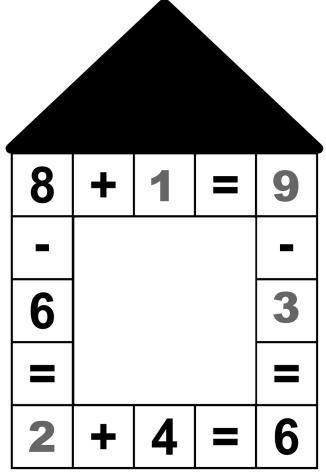


MATH CROSSWORD PUZZLES

Fill in the missing number to make the equation true.

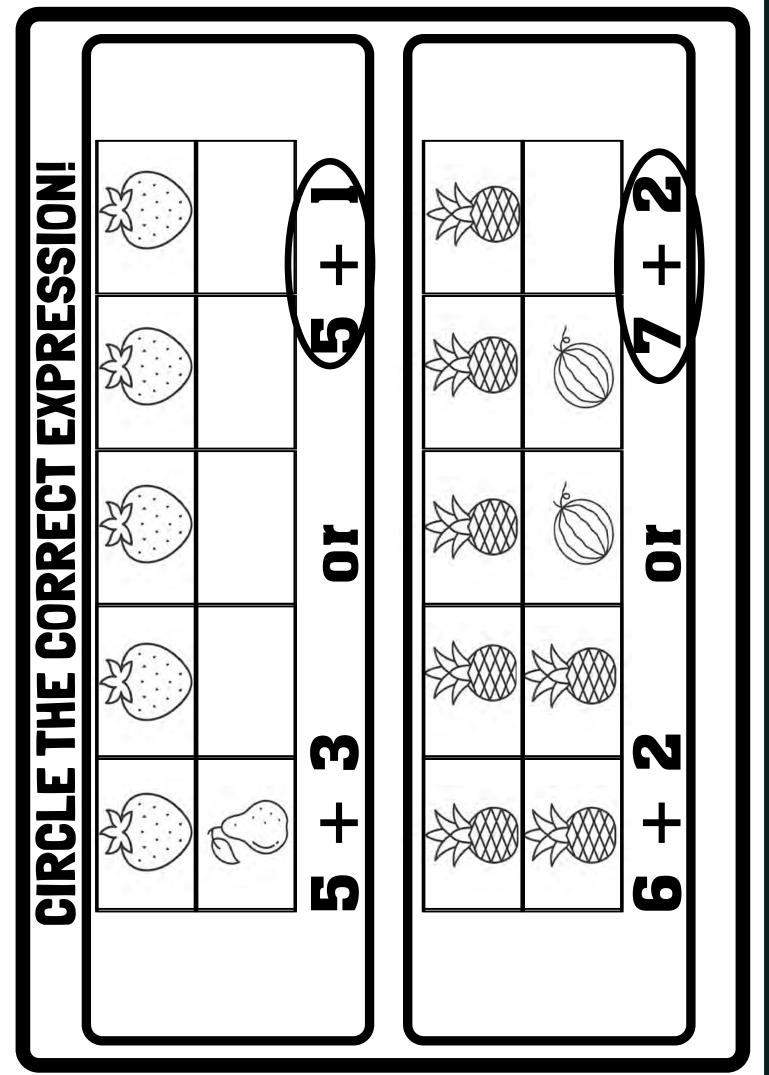
7	•	3	=	4
-				-
2				3
=				=
5	-	4		1

6	1	II	5
-			-
2			4
=			=
4	3		1



FIND THE SUMS OF 8!

Circle all the sums of 8

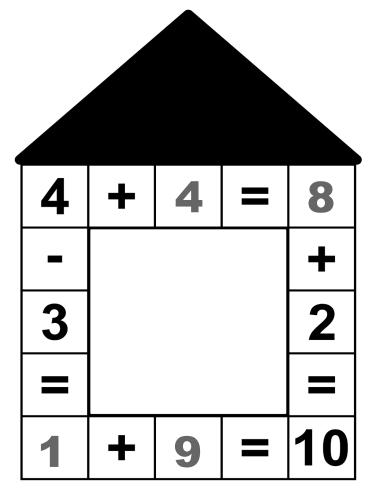


MATH CROSSWORD PUZZLES

Fill in the missing number to make the equation true.

11		8	=	3	
-				+	
5				7	
=				=	
6	+	4	=	10	

3	+	7	=	10
+				-
4				4
=				=
7	-	1	=	6



FIND THE SUMS OF 9!

Circle all the sums of 9

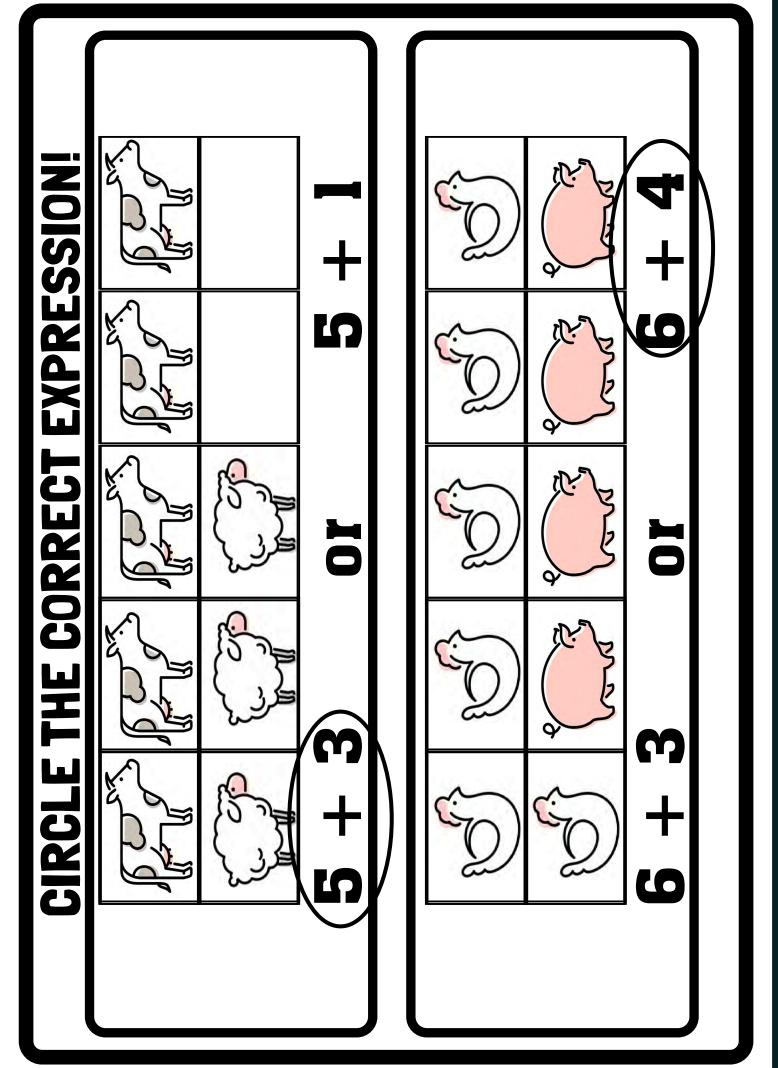
7 2) 5 7 8

3 1 12 9 0

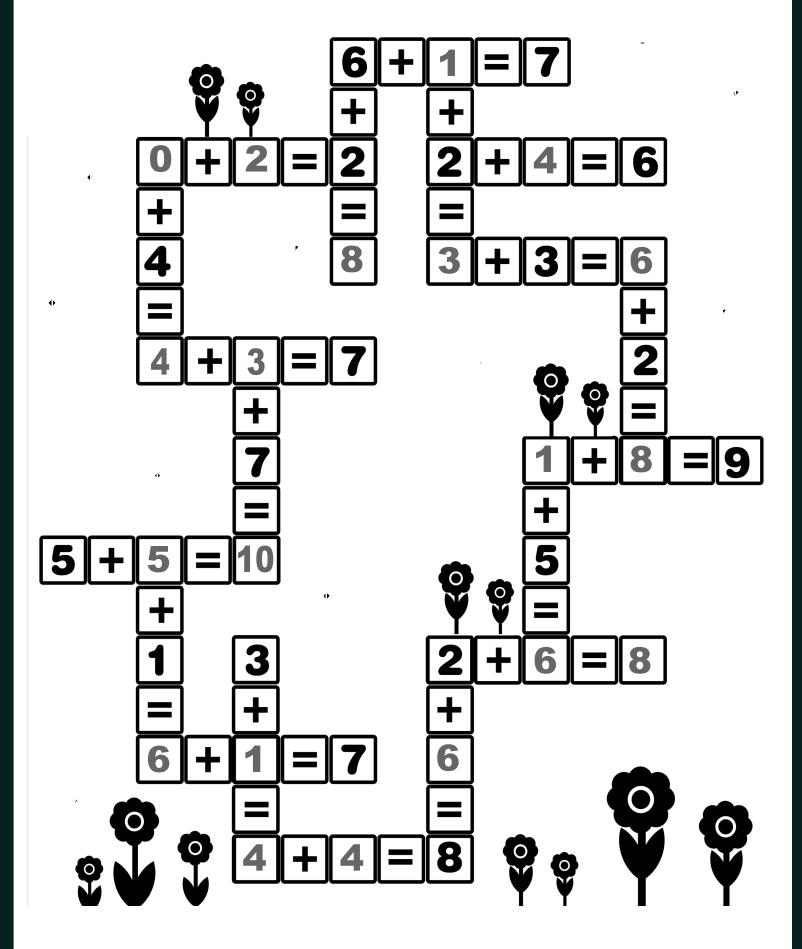
4 7 5 5 2

4 3 6 1 4

9 5 2 0 4



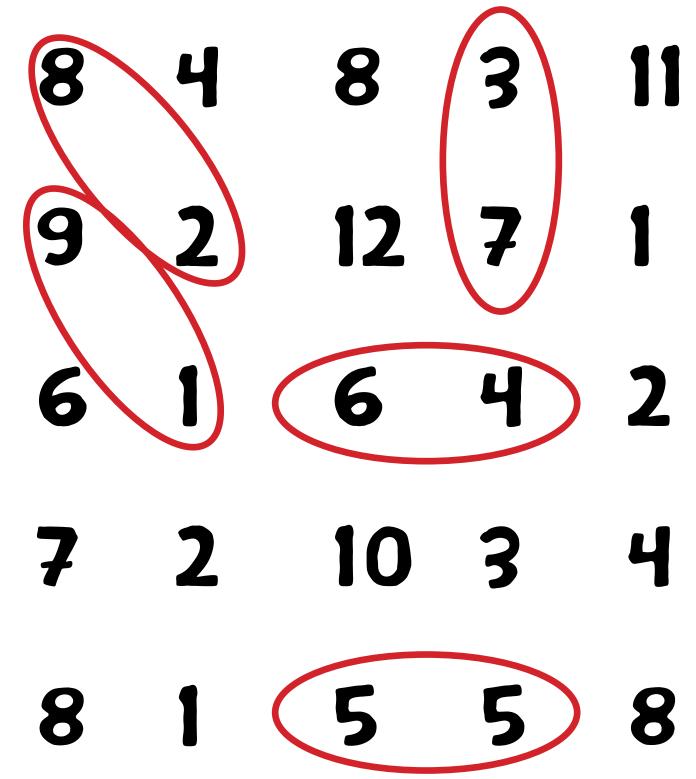
MATH CROSSWORD PUZZLES Fill in the missing number to make the equation true.



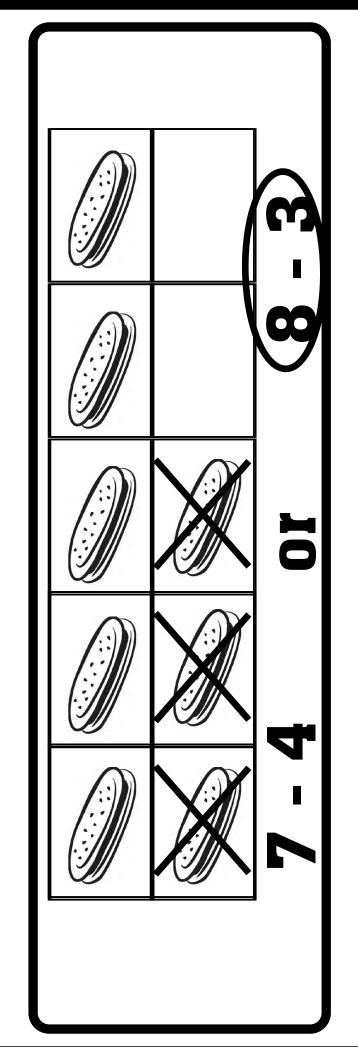
88

FIND THE SUMS OF 10!

Circle all the sums of IO



CIRCLE THE CORRECT EXPRESSION



FIND THE SUMS OF 15!

Circle all the sums of 15

8 17 5 (7 8)

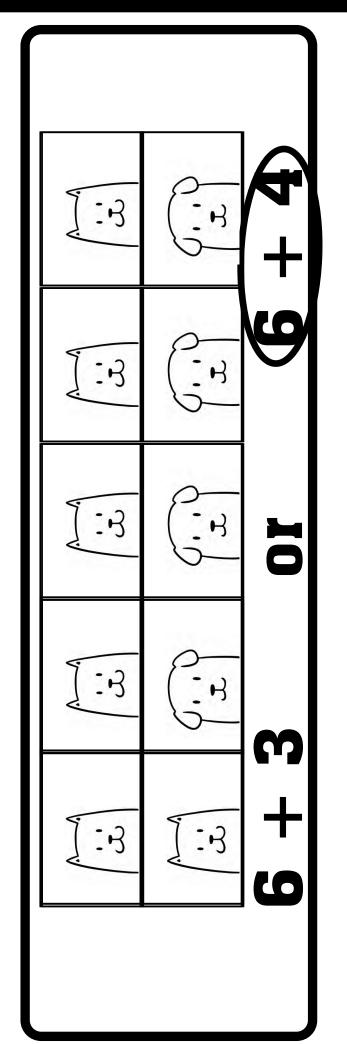
3 (14 1) 9 9

2 6 3 5 2

13/18/4) 1 10

9 (11/2 2 4

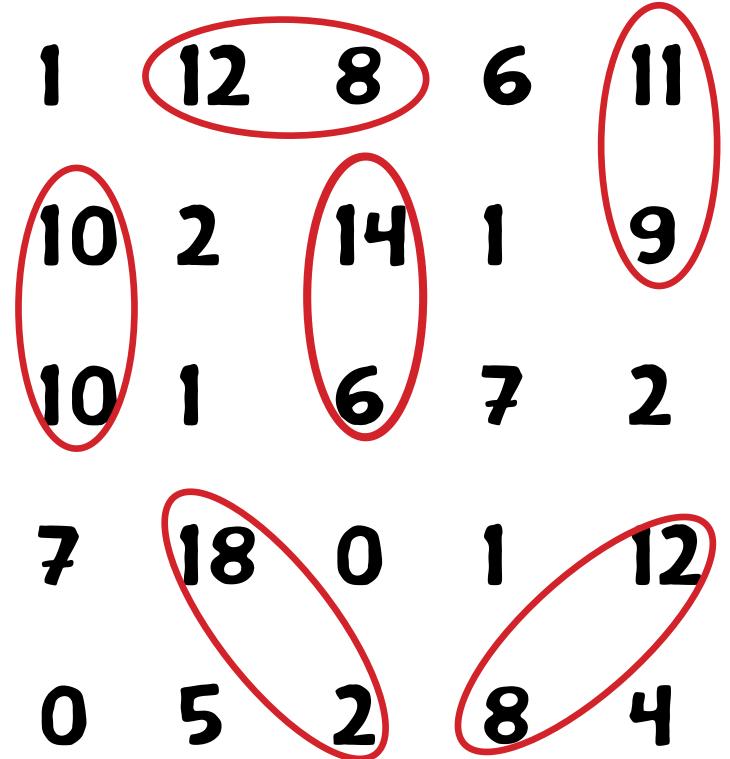
CIRCLE THE CORRECT EXPRESSION! :3

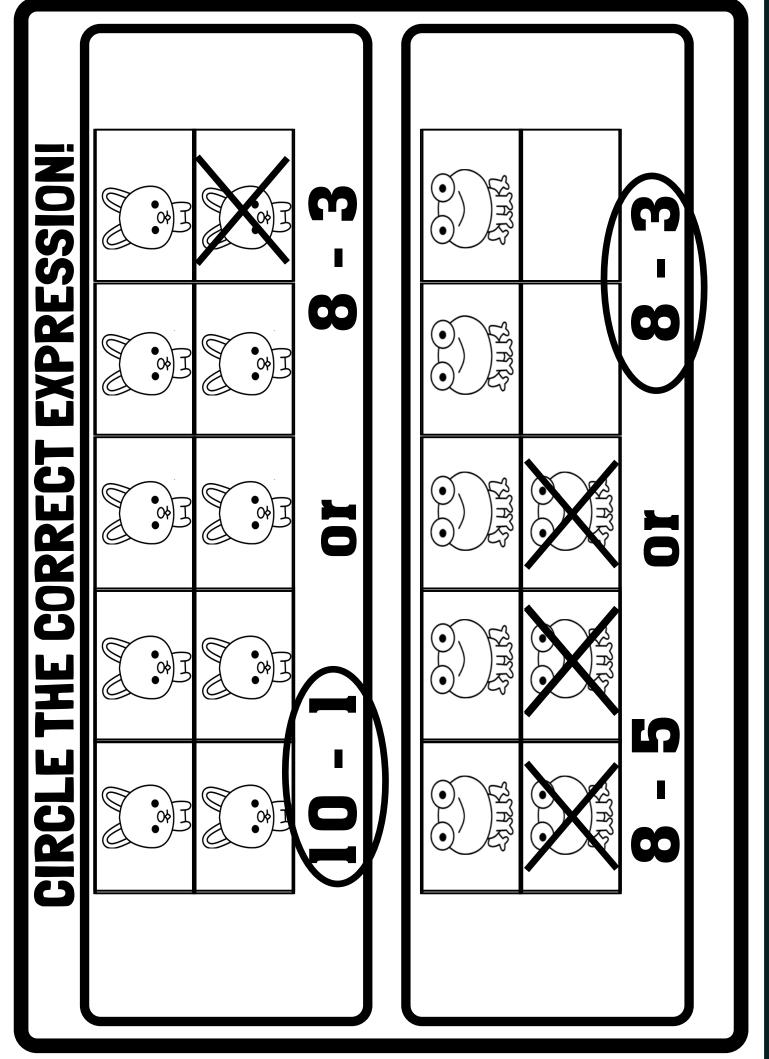


94

FIND THE SUMS OF 20!

Circle all the sums of 20





MATH CROSSWORD PUZZLES Fill in the missing number to make the equation true.

7	I	6	II	~
-				+
3				9
_				
4	+	6	Ш	10

1	+	5	Ш	6
+				+
3				3
=				
4	+	5		9

1	+	5	II	6
+				
8				4
				=
9	-	7		2

3	•	1	II	2
+				-
2				0
=				=
5	-	3	II	2