

SUMMER

PMATH * PACKET

Kindergarten Fun





www.mathfactfluencyplayground.com

Table of Contents Kindergarten

Week I

- -Addition Tic Tac Toe (Adding Within IO)
- -Adding Within 5 Board Game
- -Dinosaur Dot Game
- -Math Spelling Puzzle (Grapes)

Week 5

- -Practice Addition and Subtraction Facts Game Board
- -Shape Game
- -Dinosaur Dot Game
- -Spelling Puzzle (Mango)

Week 2

- -Subtraction Tic Tac Toe (Subtracting Within IO)
- -Subtract Within 5 Board Game
- -Dinosaur Dot Game
- -Spelling Puzzle (Elephant)

Week 6

- -Story Telling Mats
- -Count and Color
- -Maze: Making IO
- -Spelling Puzzle (Zebra)

Week 3

- -Addition Tic Tac Toe (Doubles to IO)
- -Lower Doubles Board Game
- -Dinosaur Dot Game
- -Spelling Puzzle (Cookies)

Week 7

- -Add Within IO
- -Looking for IO
- -Write the Equation
- -Dot Game
- -Spelling Puzzle (Truck)

Week 4

- -Subtraction Tic Tac Toe (Half Facts Within IO)
- -Half Facts Within IO Game Board
- -Dinosaur Dot Game
- -Spelling Puzzle (Orange)

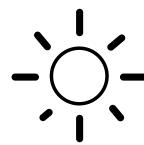
Week 8

- -Tell the Story and Write the Equation
- -Dino Math Maze
- -Maze: Making 10
- -Adding Within IO Game Board
- -Spelling Puzzle (Pizza)

Summer Math Survey Completion Certificate Answer Key







THIS SUMMER PACKET BELONGS TO:





(NAME)

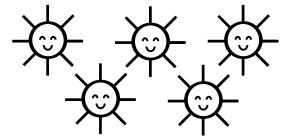




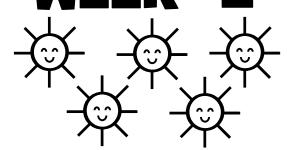
KEEP TRACK OF YOUR SUMMER WORK

As you complete each activity, color a sun!

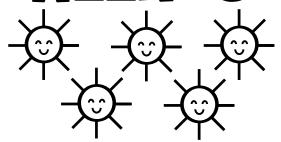




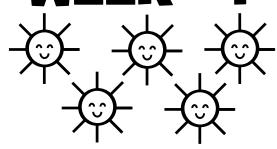
WEEK 2



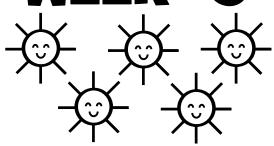
WEEK 3



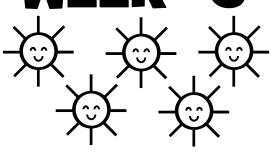
WEEK 4



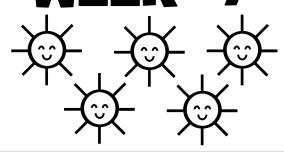
WEEK 5



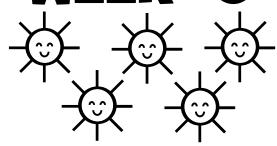
WEEK

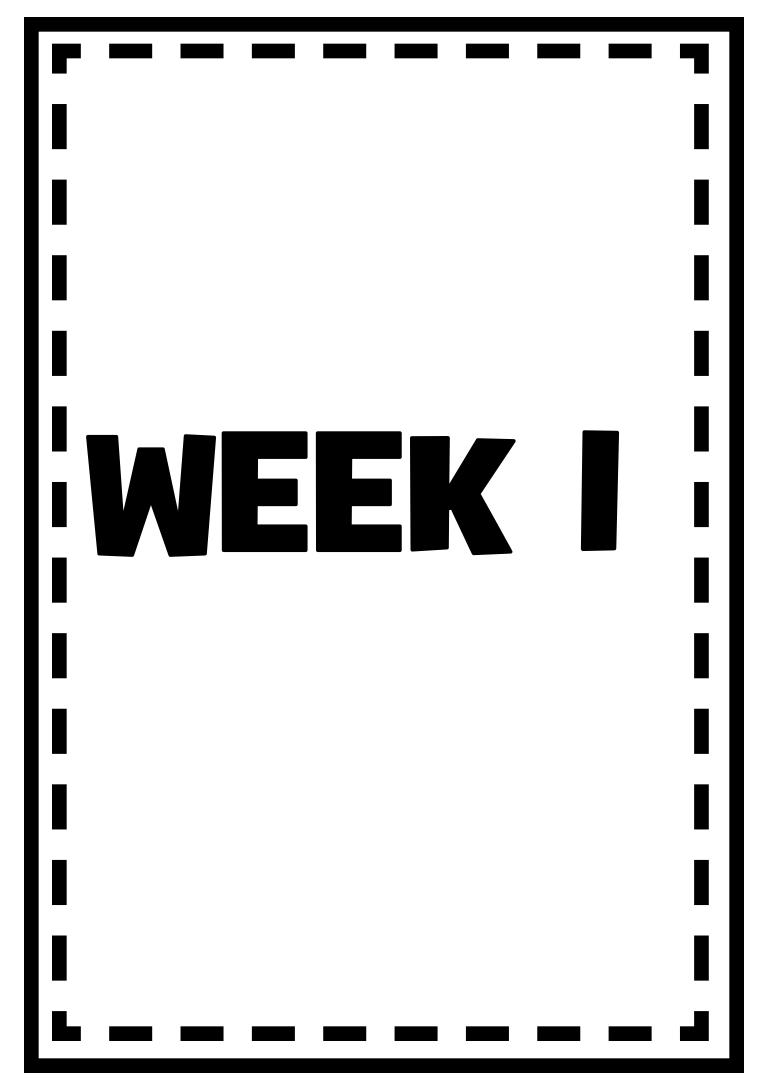


WEEK 7



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.













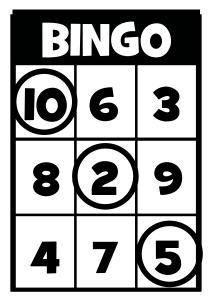
scissors

Addition Tic Tac Toe Board A Adding within 10

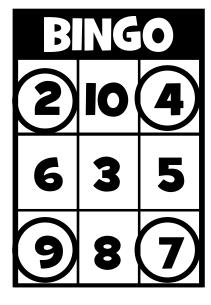
Instructions: Play rock, paper, scissors to see who starts. Then take turns answering a problem on the mat. Whoever gets 3 in a row first wins.

BINGO INSTRUCTIONS

Use the calling cards to call out the number. Each person finds their number on their bingo board and covers it. Whoever gets 3 in a row horizontally, vertically, diagonally or all four corners first, wins!



BINGO		
9	2	7
4	(6)	
5	8	3



B	ING	0
10	(4)	7
9	(3)	6
8	(5)	2

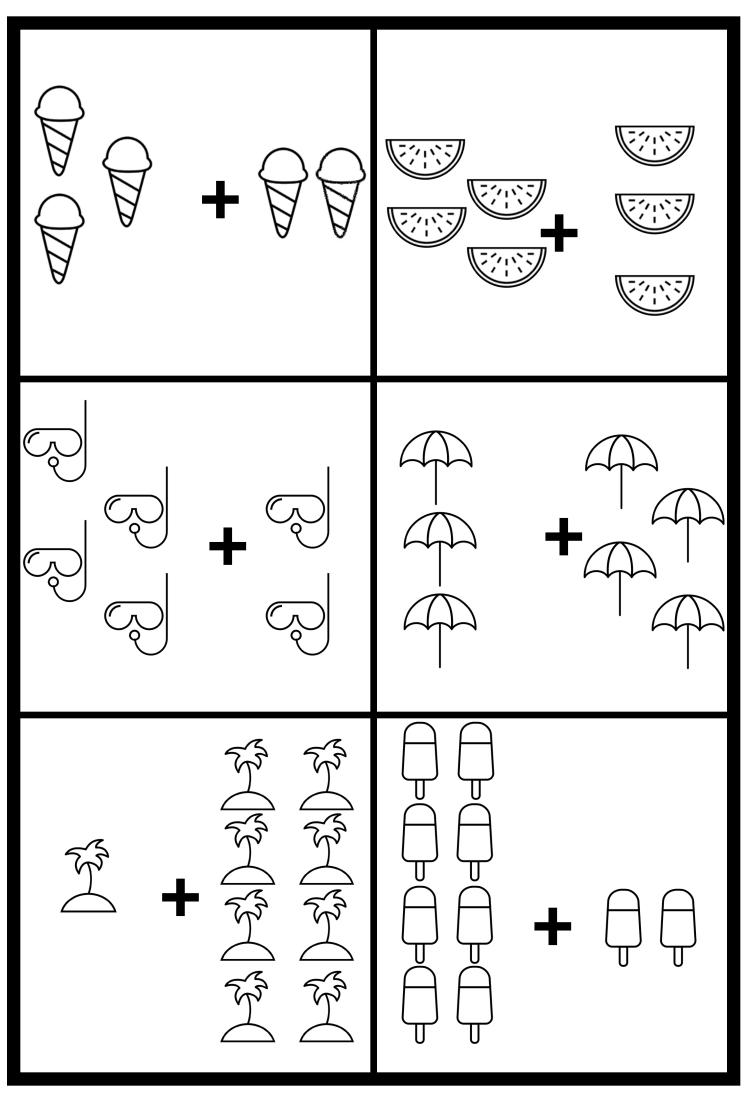
BINGO			
10	6	3	
8	2	9	
4	7	5	

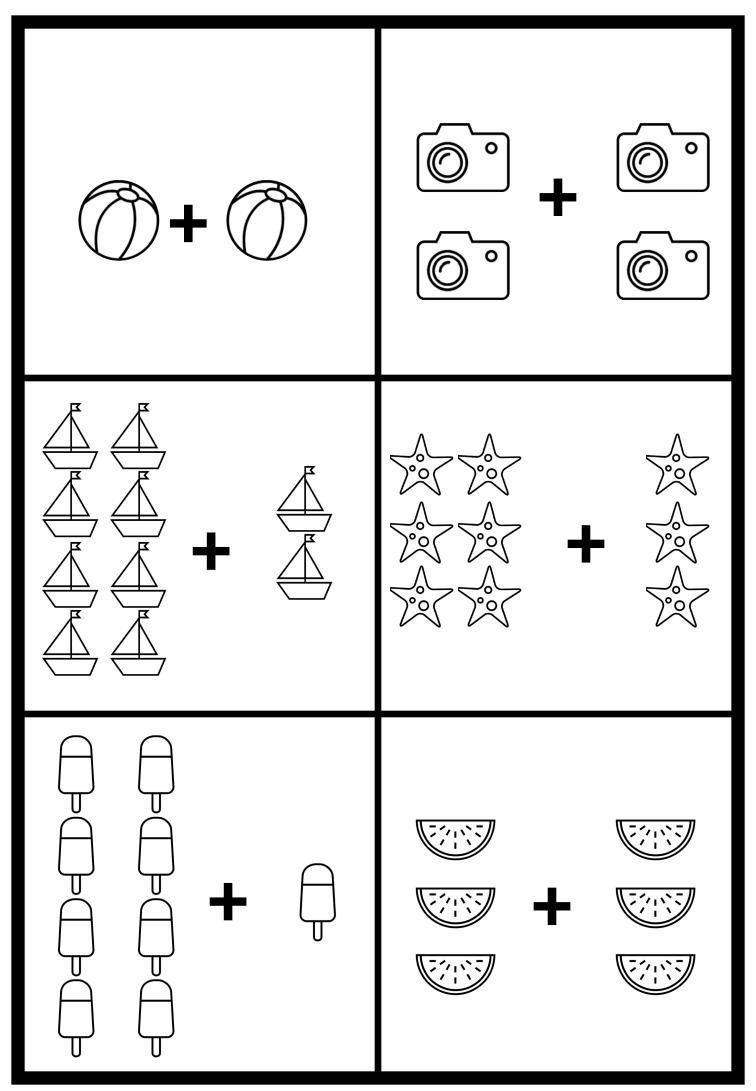
	NG	
9	2	7
4	6	10
5	8	3

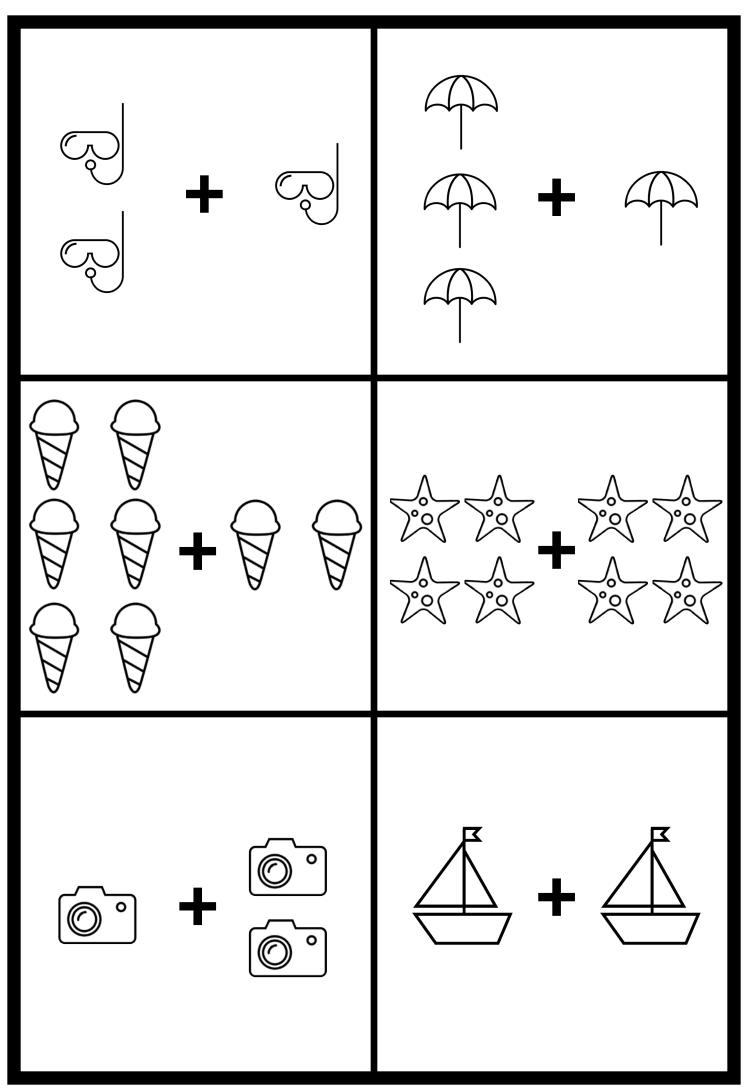
B NGO 10 4 7 9 3 6 8 5 2

BINGO		
2	10	4
6	3	5
9	8	7

B	NG	0	B	NG	0
3	10	9	7	8	5
7	8	2	10	2	4
5	4	6	6	3	9
BINGO					
				NG	
			7 4 3		

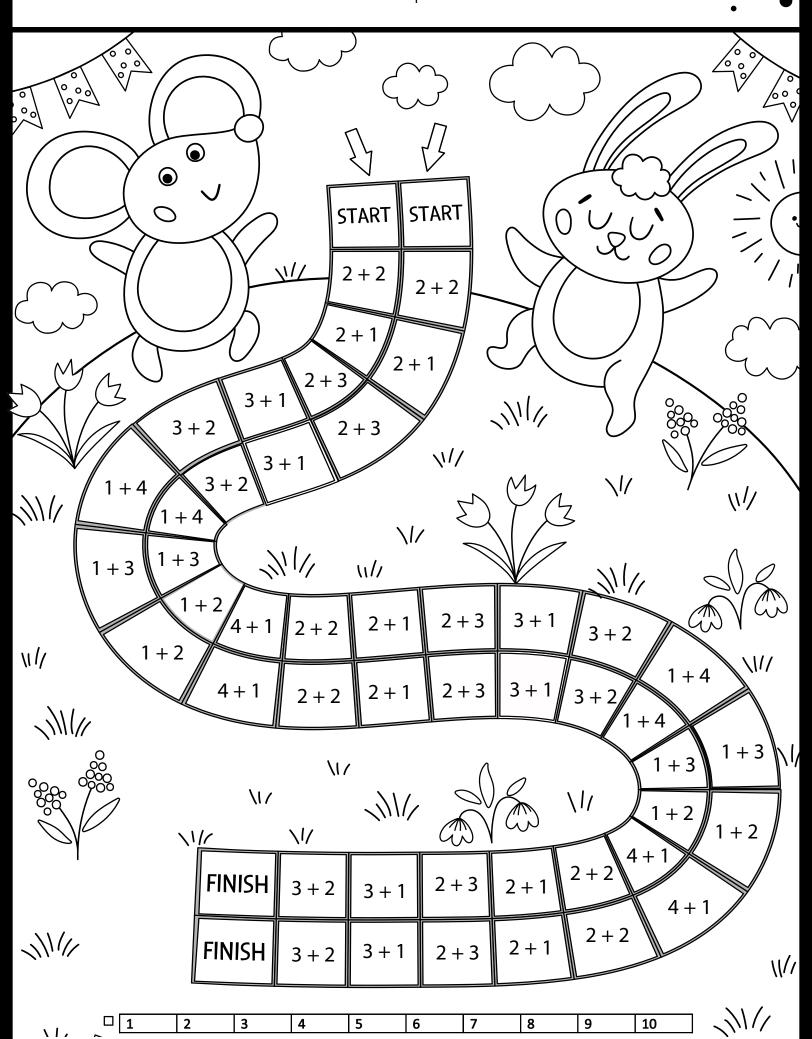






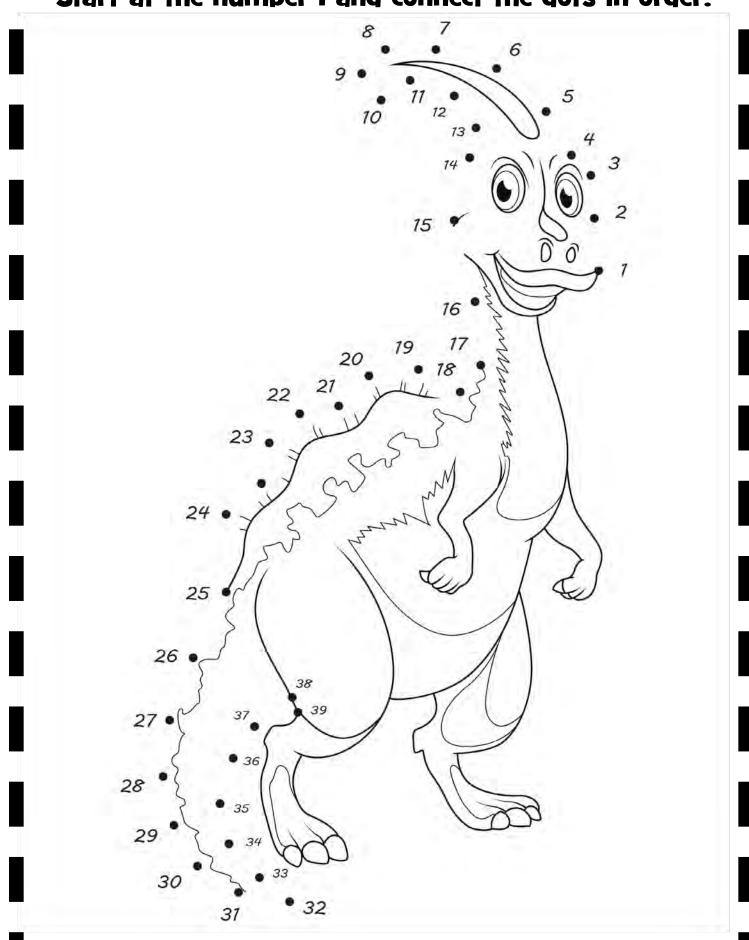
Adding within 5

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.

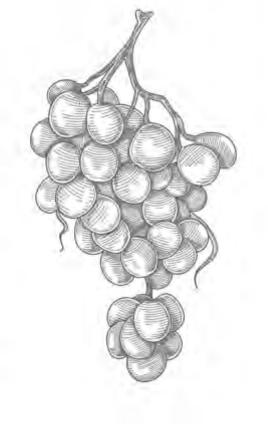


SPELLING PUZZLE

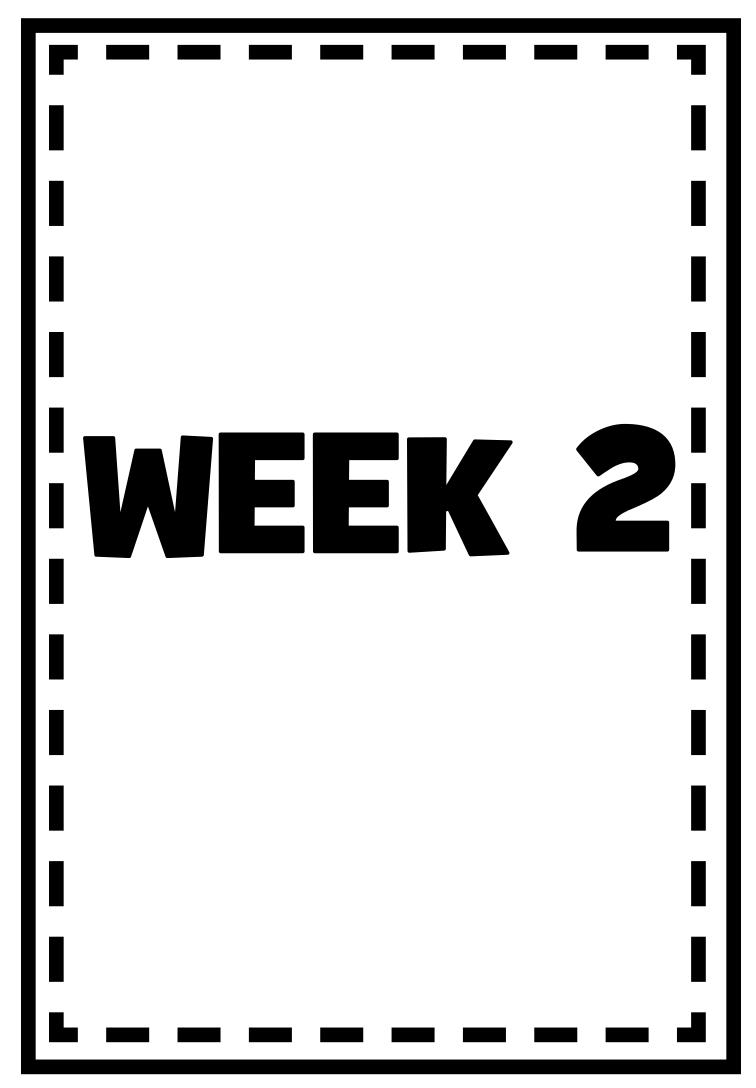
SUBTRACTING WITHIN 10

Instructions: Solve the problems. Put the letter by the answer into the spaces below.





4	2	1	3	5	6



Subtraction Tic Tac Toe

Board A Subtracting within 10

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

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

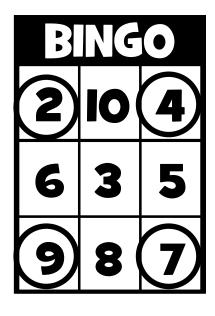
Instructions: Play rock, paper, scissors to see who starts. Then take turns answering a problem on the mat. Whoever gets 3 in a row first wins.

BINGO INSTRUCTIONS

Use the calling cards to call out the number. Each person finds their number on their bingo board and covers it. Whoever gets 3 in a row horizontally, vertically, diagonally or all four corners first, wins!

B	ING	0
9	6	3
8	(N)	9
4	7	(5)

BINGO		
9	2	7
4	(6)	(9)
5	8	3

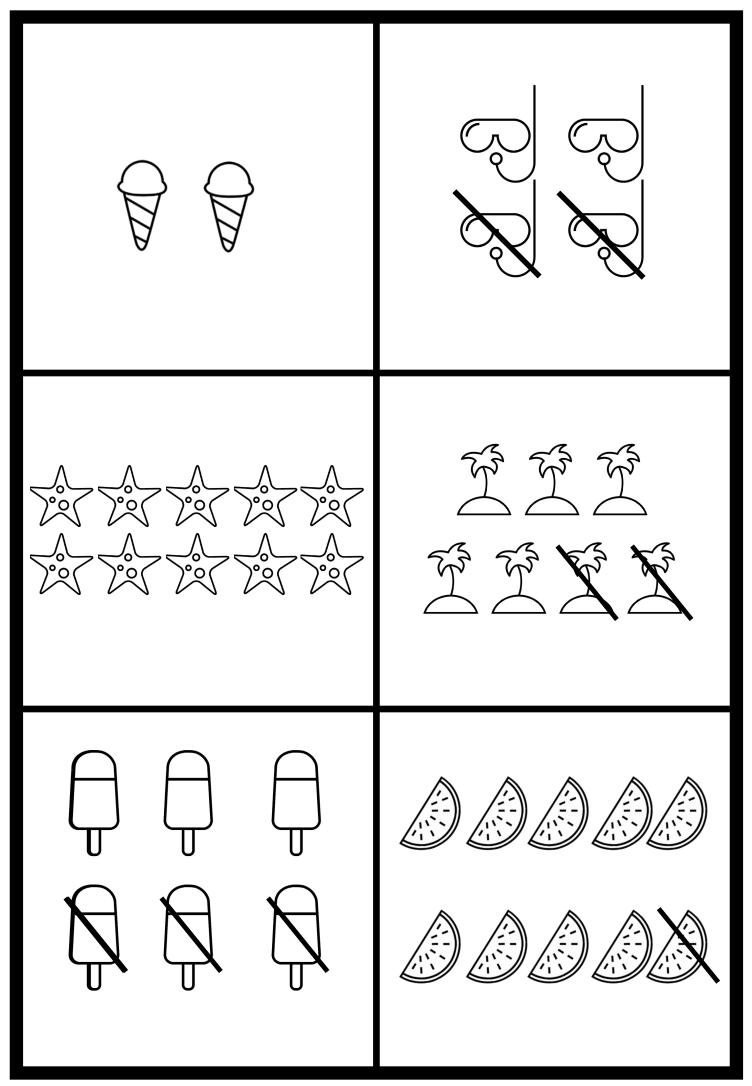


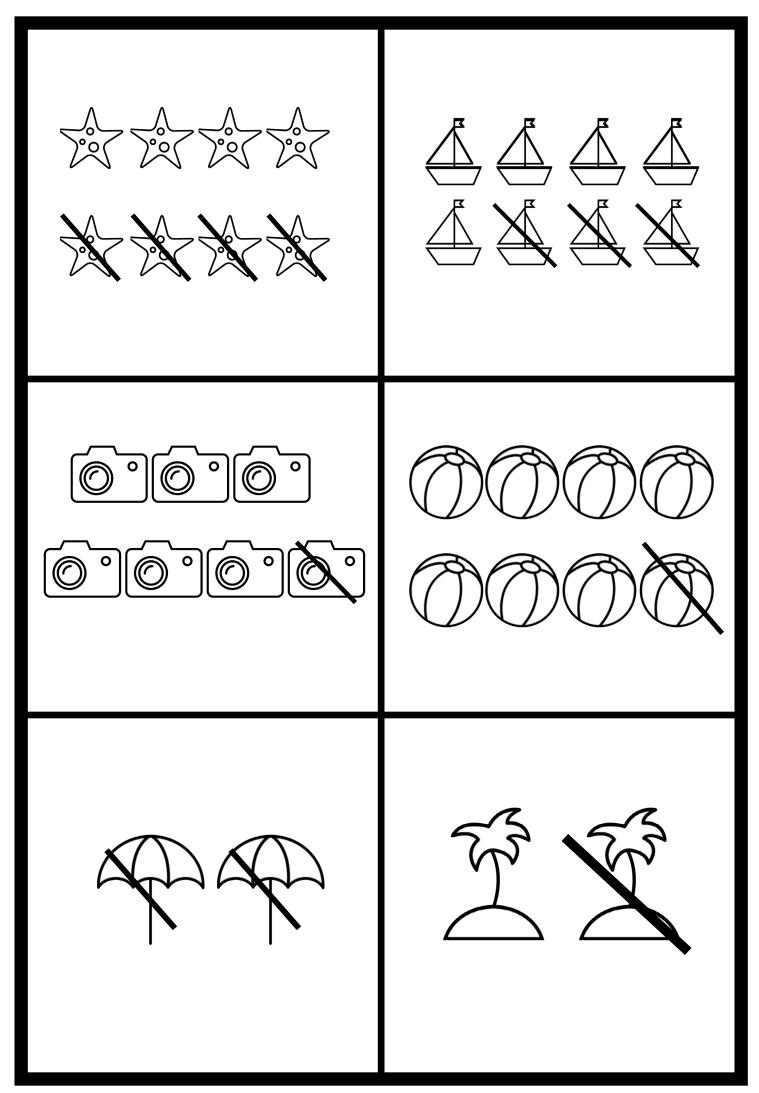
BINGO		
10	4	7
9	3	6
8	5	2

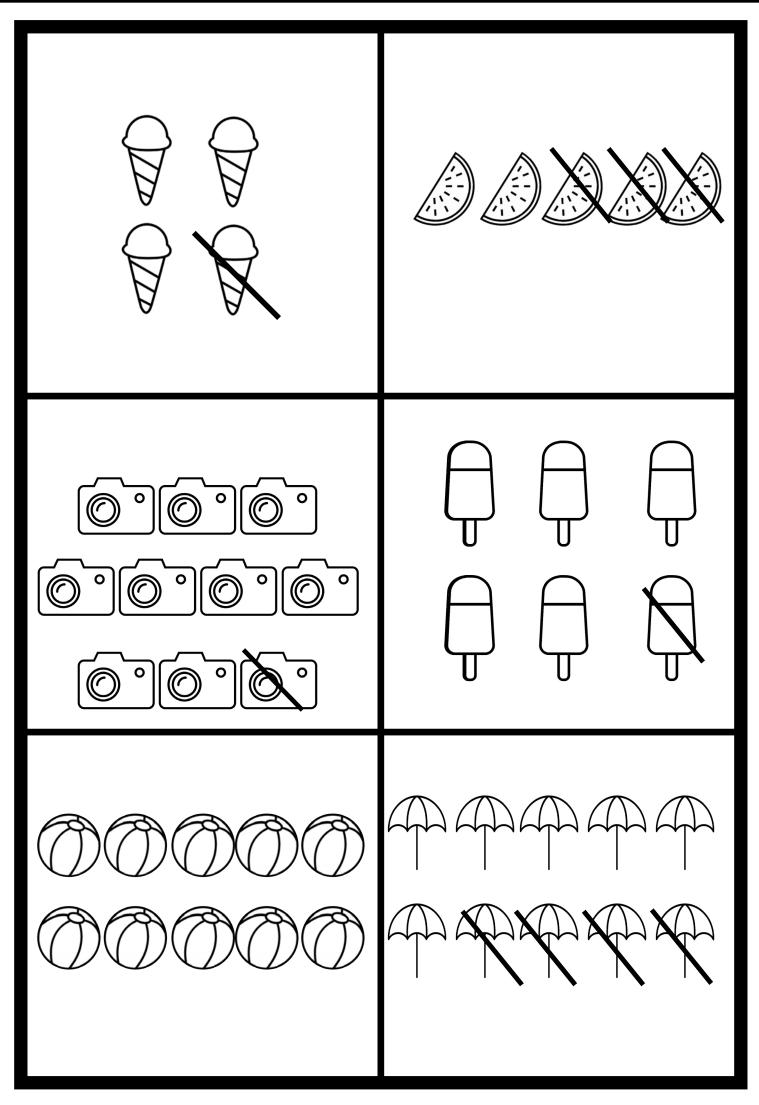
B	NG		B	NG	0
5	2	3	9	7	3
8	0		10	5	8
4	6	7	2		4
	NG		B		

18

B	NG	0	B	NG	0
0	10	2	2	8	10
8	3			5	6
4	9	7	7	3	9
B	NG	0		NG	A
	NG 9	0			A
	9 7	8	7 0 3		A

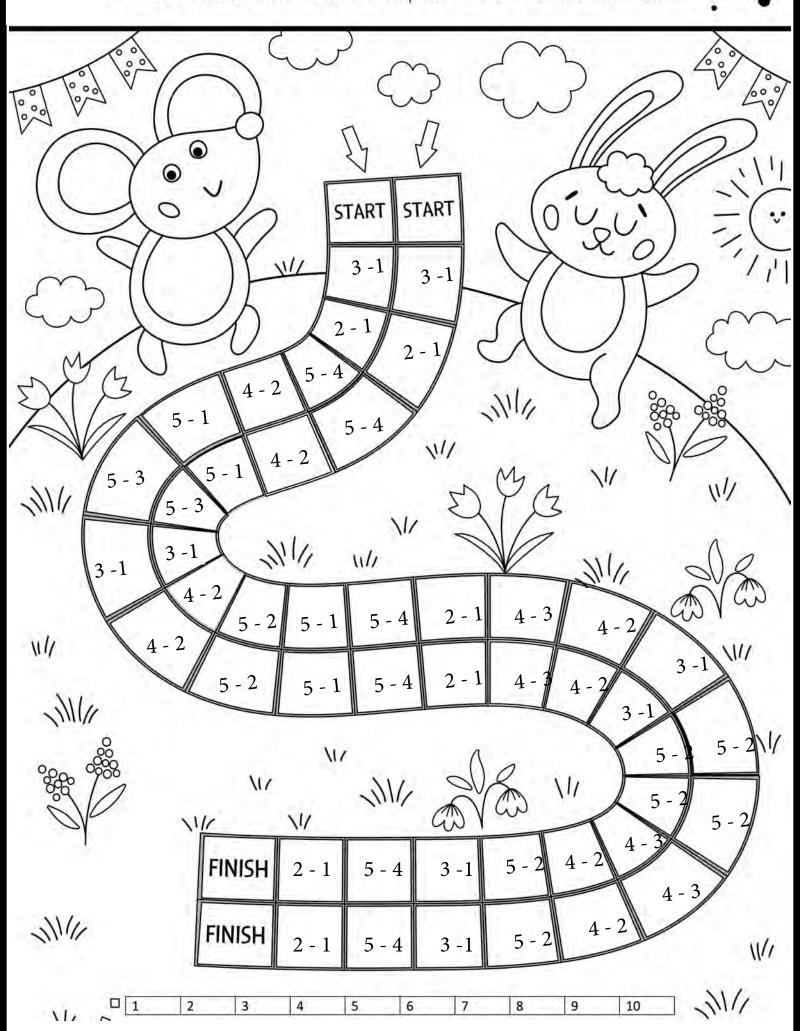






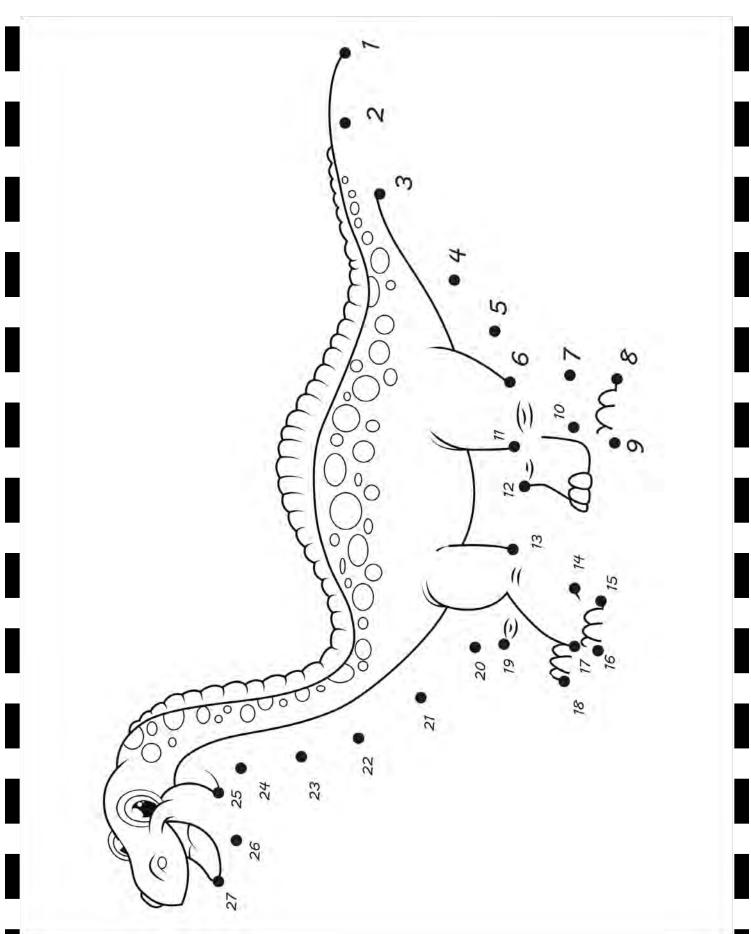
Subtract within 5

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



DINOSAUR DOT GAME

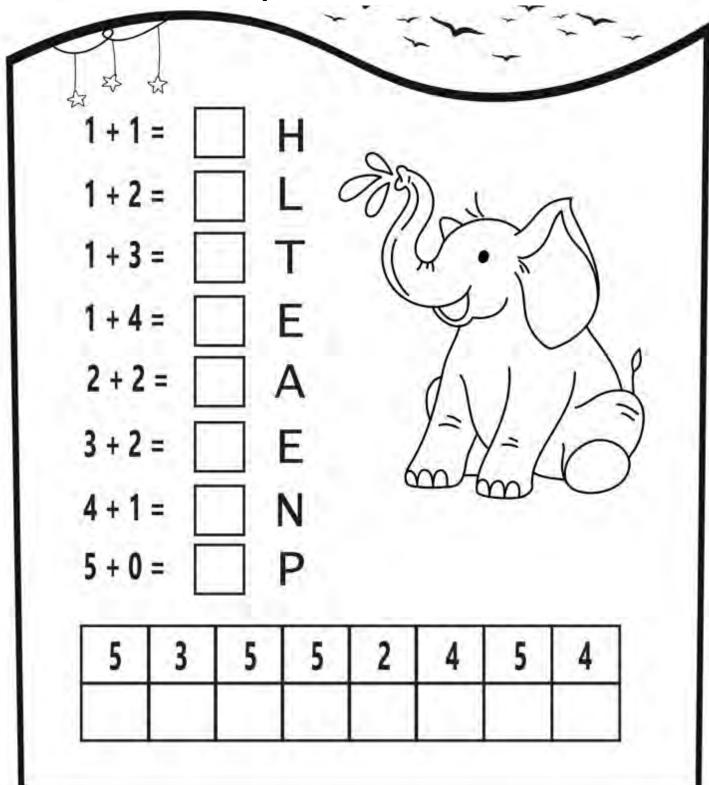
Start at the number I and connect the dots in order.



SPELLING PUZZLE

ADDING WITHIN 10

Instructions: Solve the problems. Put the letter by the answer into the spaces below.



Addition Tic Tac Toe

Board A
Poubles to 10

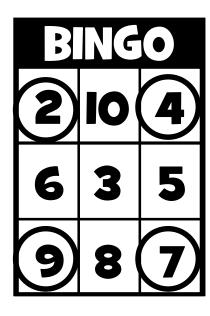
Instructions: Play rock, paper, scissors to see who starts. Then take turns answering a problem on the mat. Whoever gets 3 in a row first wins.

BINGO INSTRUCTIONS

Use the calling cards to call out the number. Each person finds their number on their bingo board and covers it. Whoever gets 3 in a row horizontally, vertically, diagonally or all four corners first, wins!

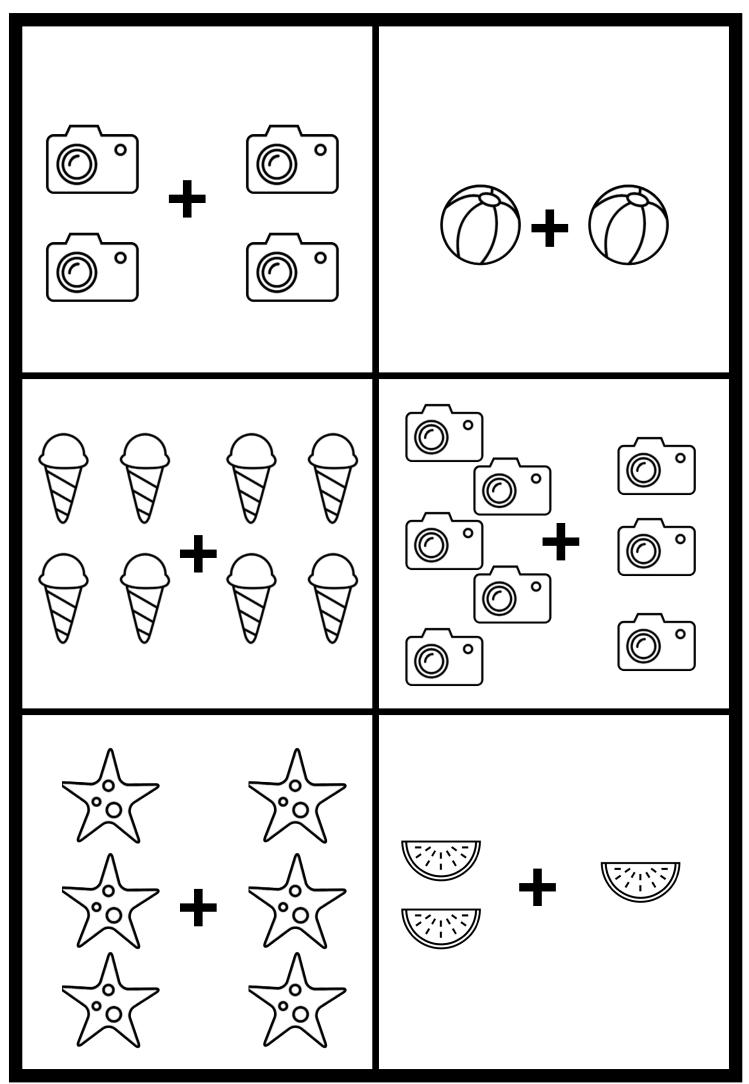
B	ING	0
(9)	6	3
8	(2)	9
4	7	(5)

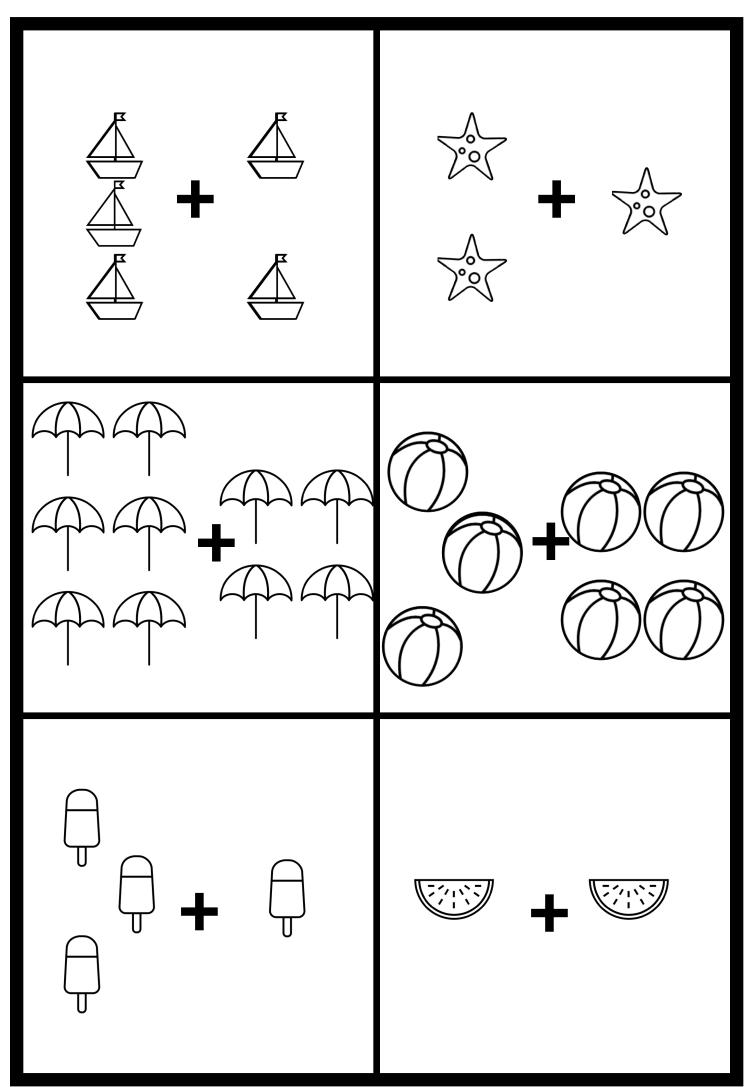
B	NG	0
9	2	7
4	(6)	(
5	8	3

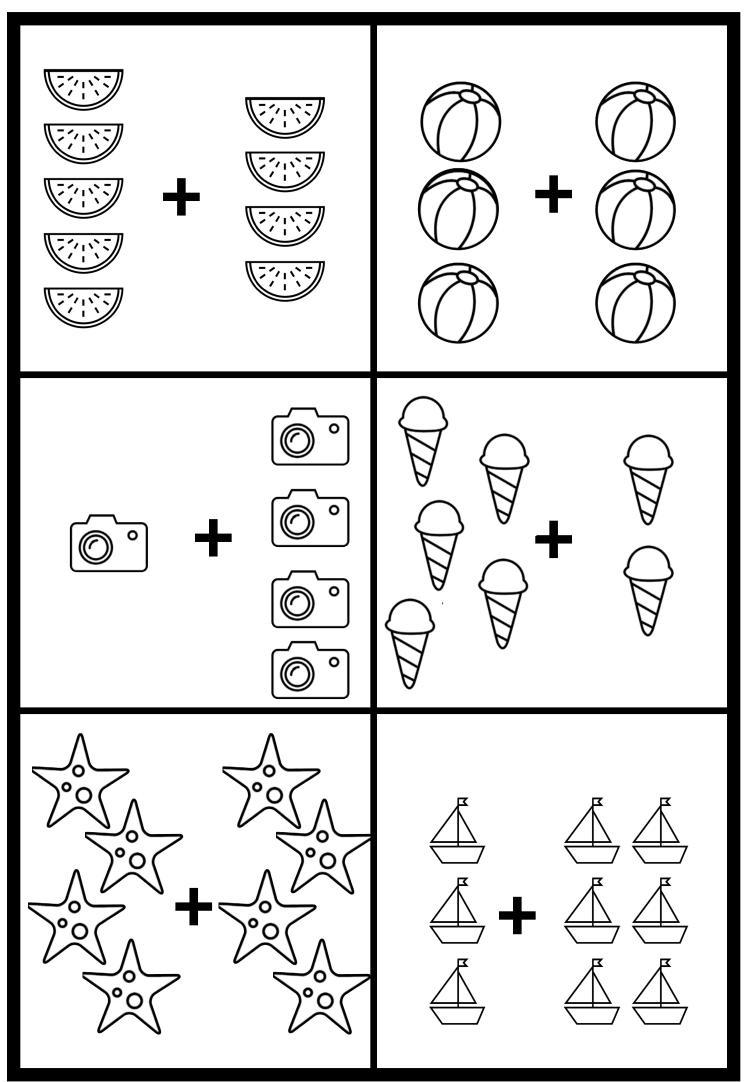


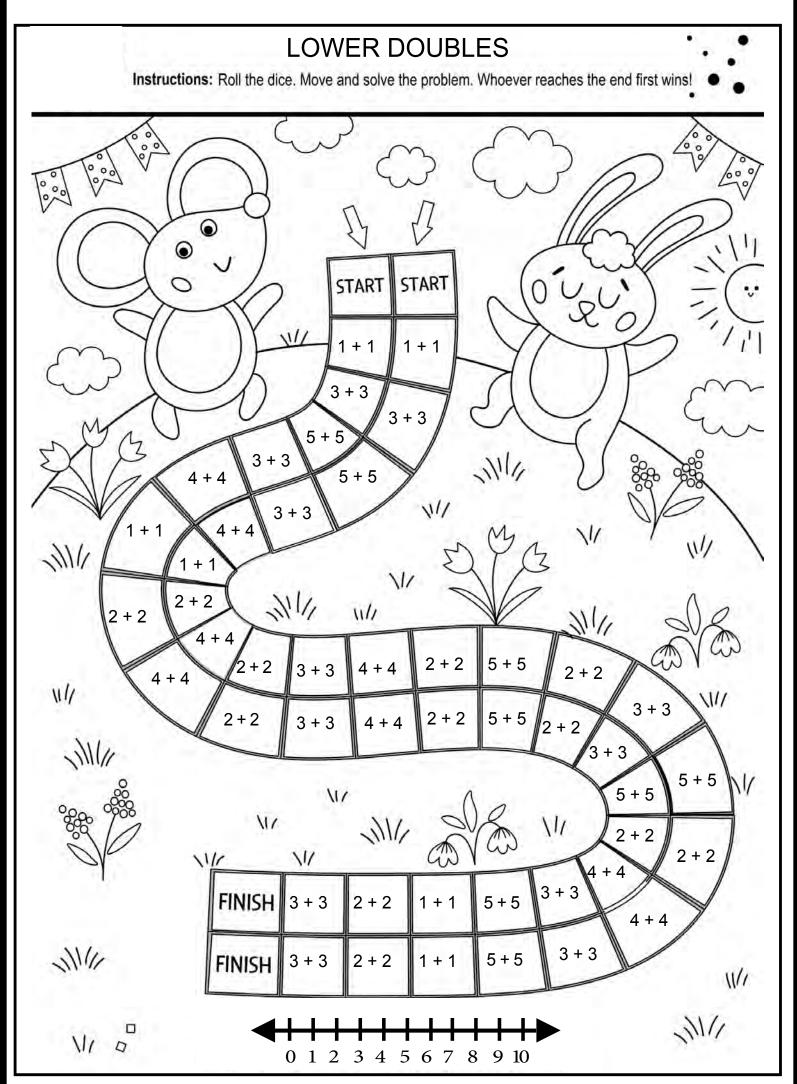
B	ING	0
10	4	7
9	3	6
8	5	2

B	NG	0	B	NG	0
3	2	6	8	5	3
10	8	4	9	7	4
6	4	5	6	2	10
	NG		B		
			3 2 10		



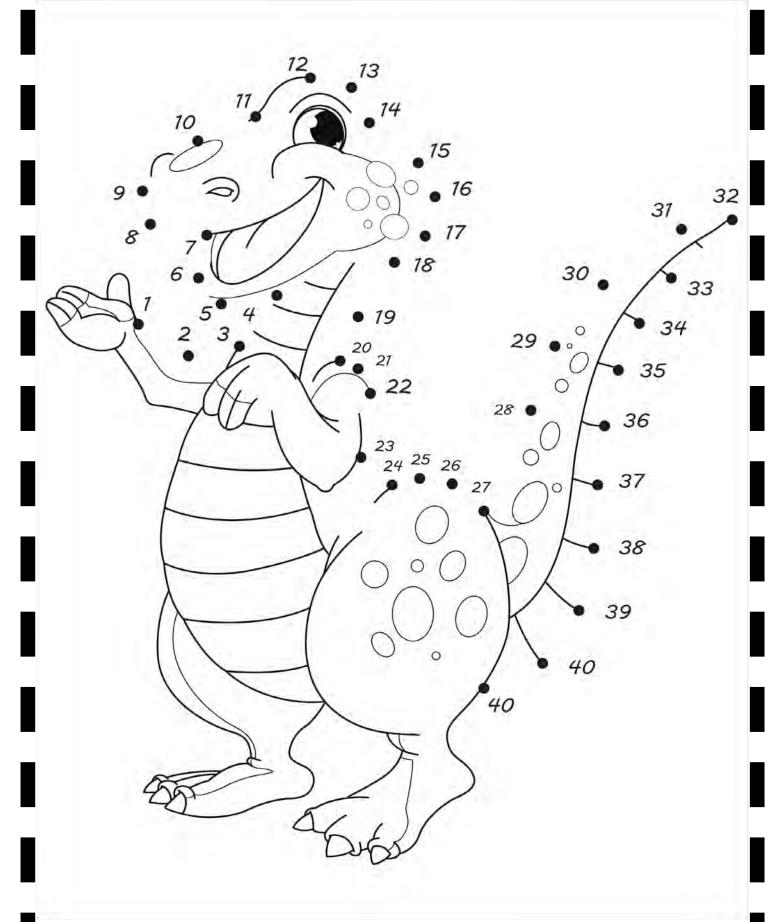






DINOSAUR DOT GAME

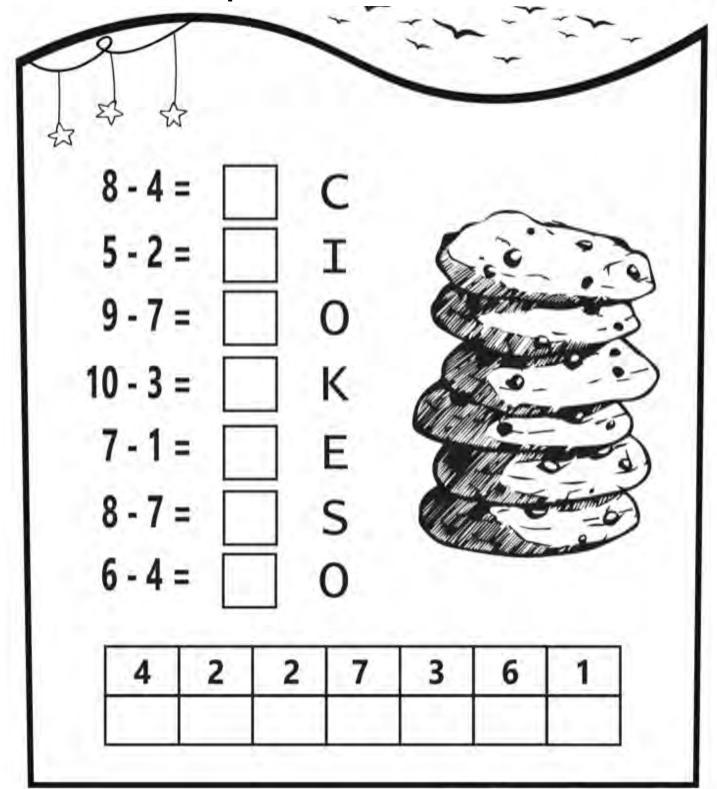
Start at the number I and connect the dots in order.

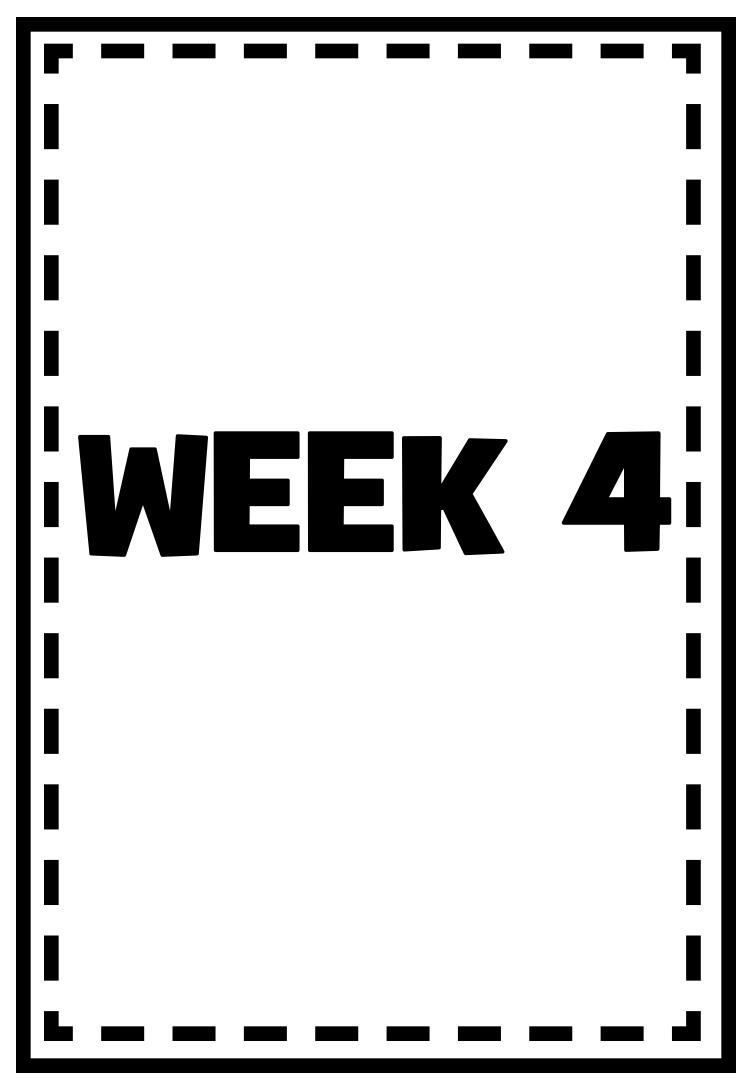


SPELLING PUZZLE

SUBTRACTING WITHIN 10

Instructions: Solve the problems. Put the letter by the answer into the spaces below.





Subtraction Tic Tac

Board A Half facts within 10

10-5	2-1	8-4	2-1	6-3	4-2
6-3	8-4	4-2	2-1 8-4	2-1	6-3
4-2	6-3	2-1	10-5	4-2	8-4
			•		1
4-2	8-4	10-5	6-3	10-5	2-1
<u>4-2</u> 2-1	8-4	10-5 8-4	6-3 4-2 8-4	10-5 6-3	2-1

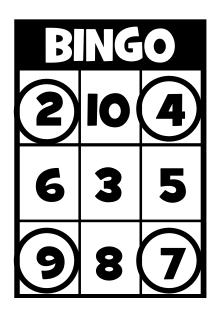
Instructions: Play rock, paper, scissors to see who starts. Then take turns answering a problem on the mat. Whoever gets 3 in a row first wins.

BINGO INSTRUCTIONS

Use the calling cards to call out the number. Each person finds their number on their bingo board and covers it. Whoever gets 3 in a row horizontally, vertically, diagonally or all four corners first, wins!

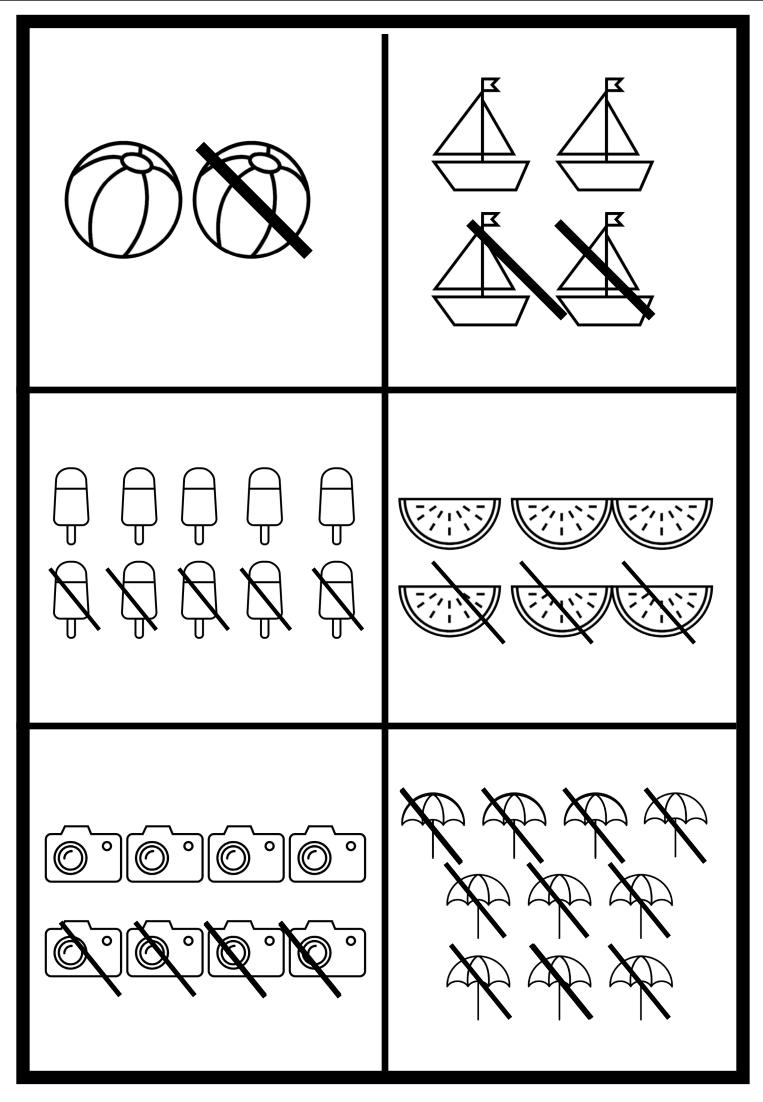
BINGO			
9	6	3	
8	(N)	9	
4	7	(5)	

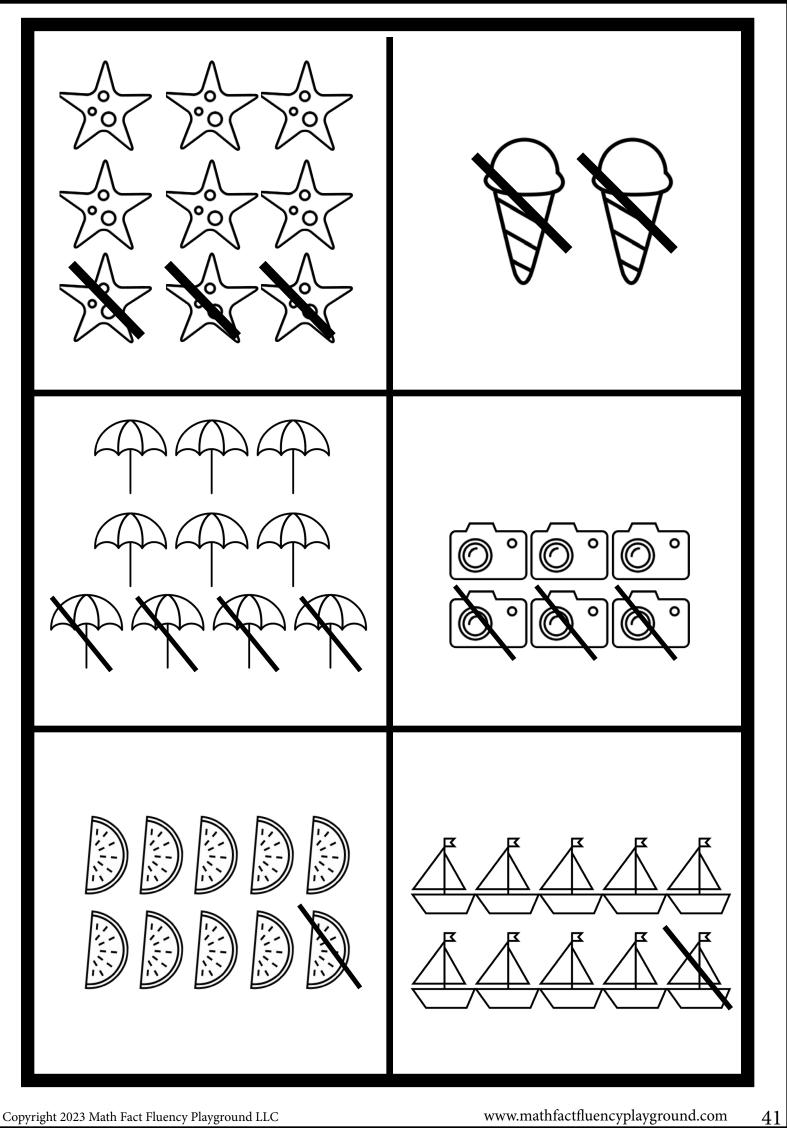
B	NG	0
9	2	7
4	(6)	
5	8	3

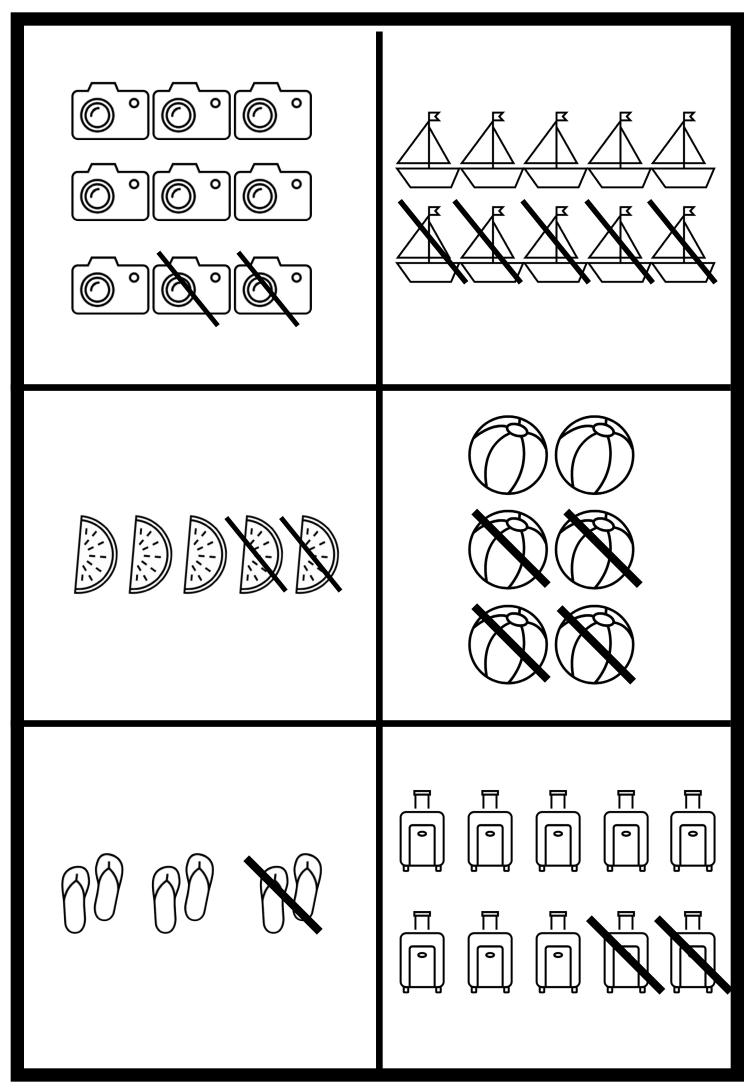


B	NG	0
10	4	7
9	3	6
8	5	2

B	NG	0	B	NG	0
	4	2		3	4
5	3		10	5	2
0	4	5	0	7	9
·					
B	NG	0	B	NG	0
7					5
	6	5 8		8	

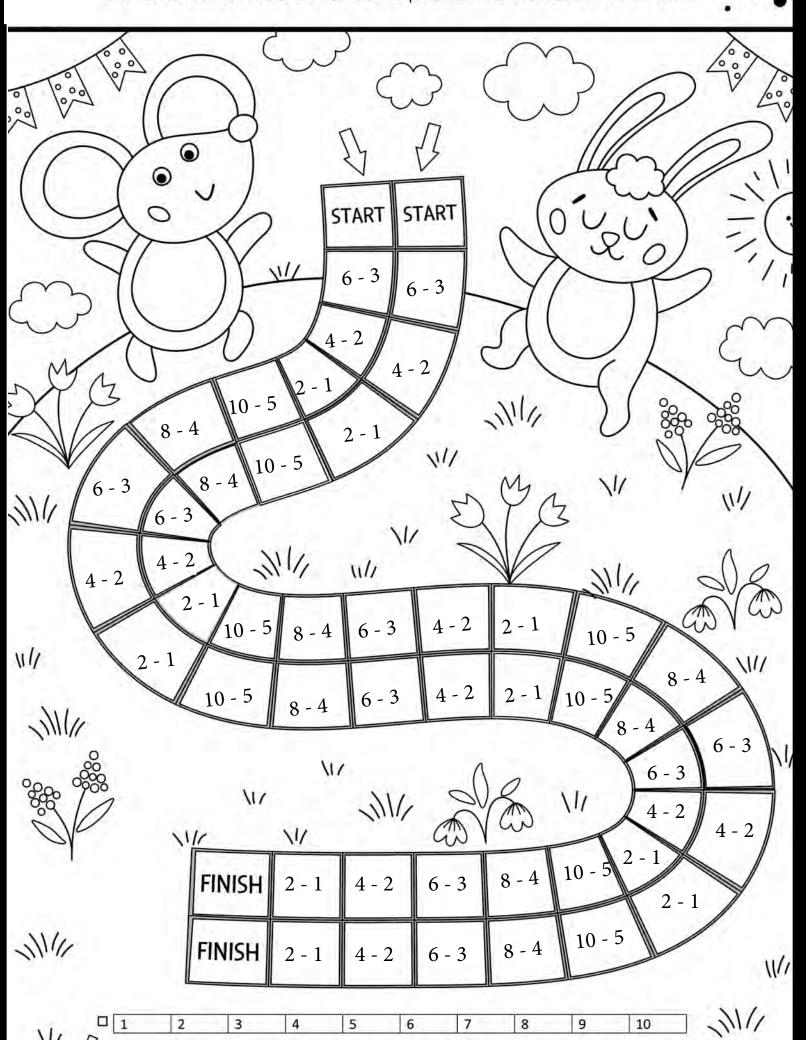






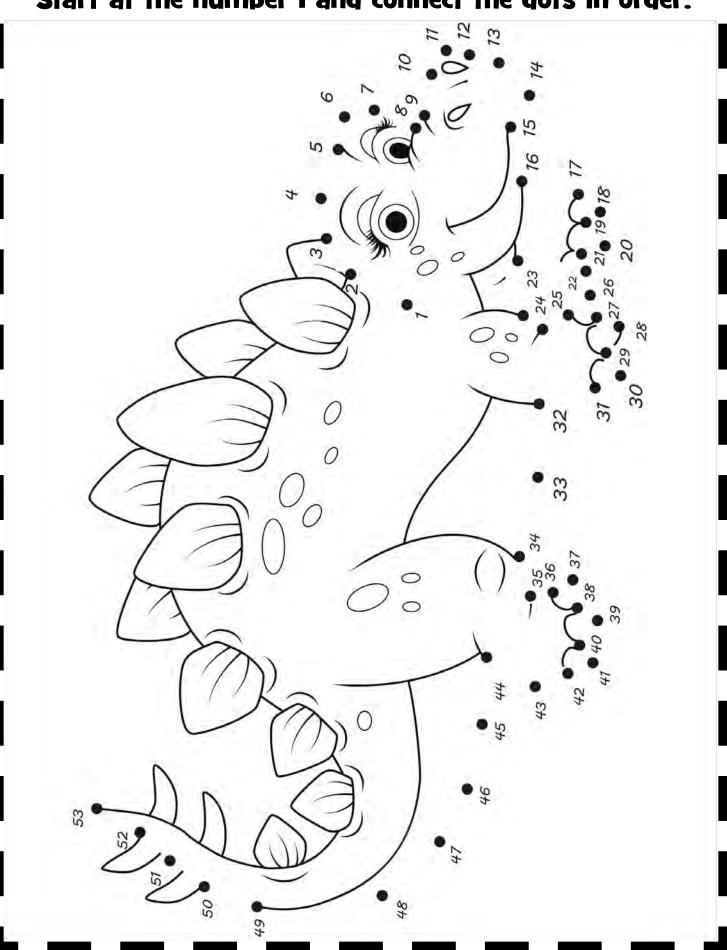
Half facts within 10

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



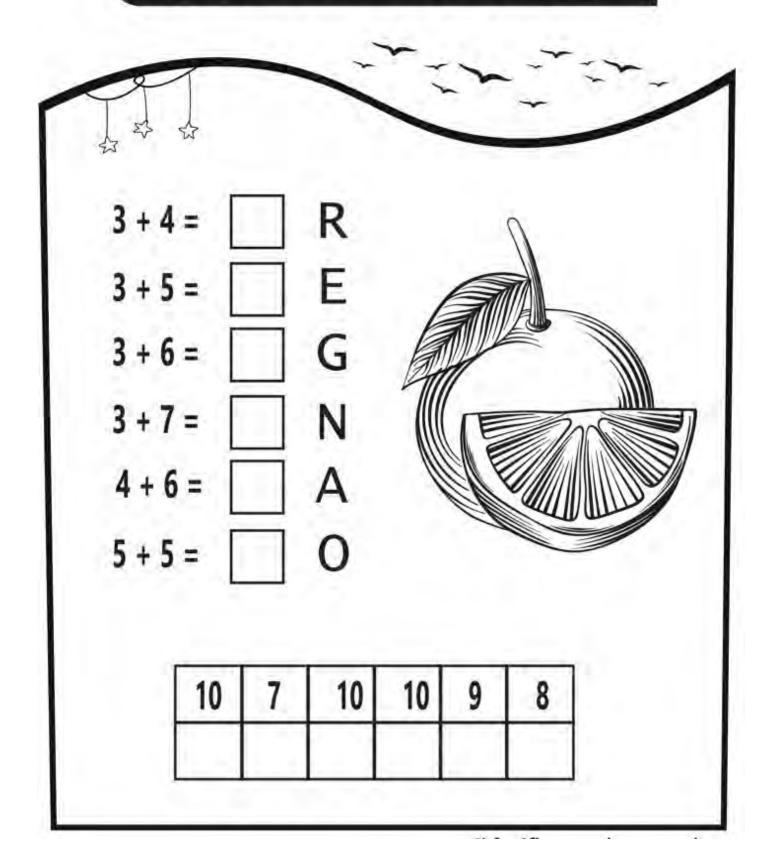
DINOSAUR DOT GAME

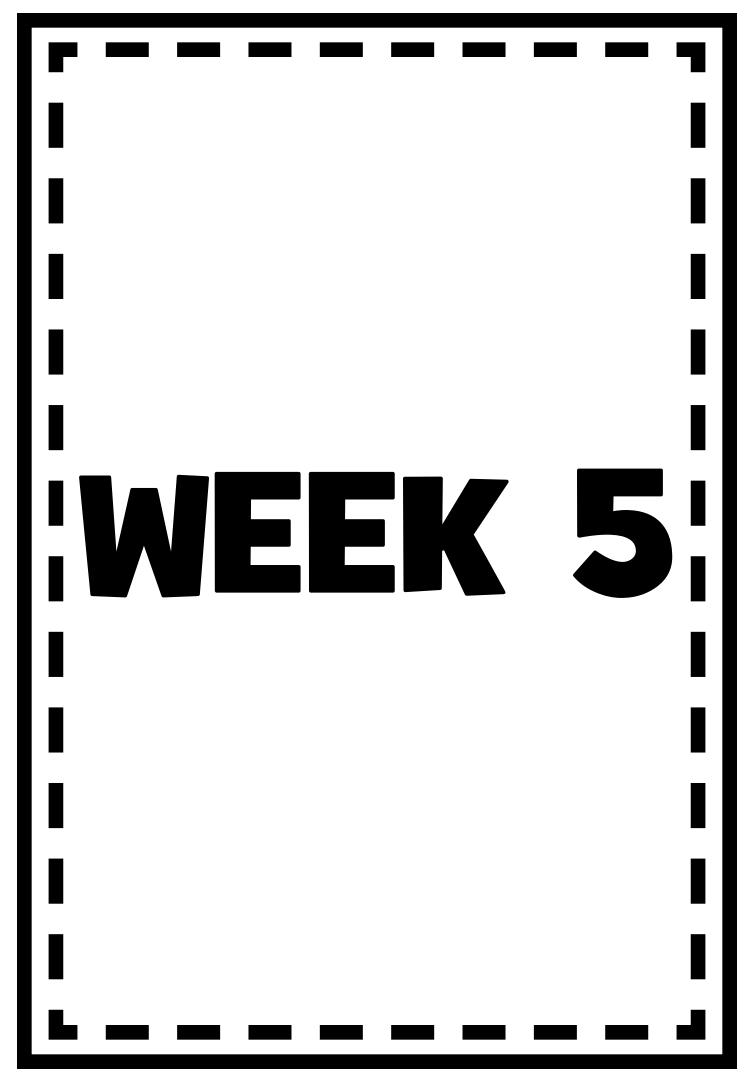
Start at the number I and connect the dots in order.



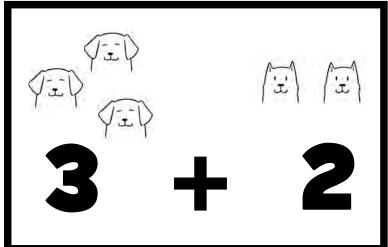
SPELLING PUZZLE

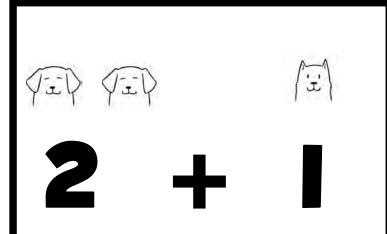
ADDING WITHIN 10

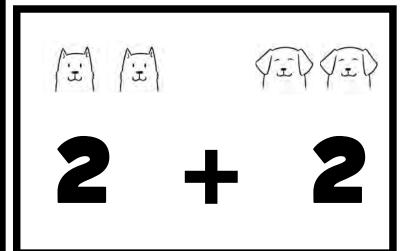


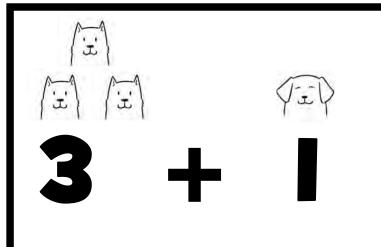


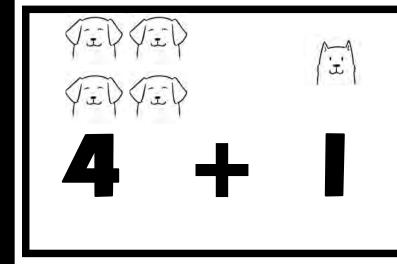
Flashcards to practice addition facts!

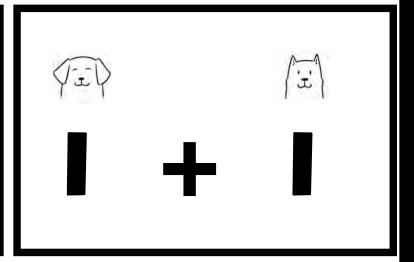




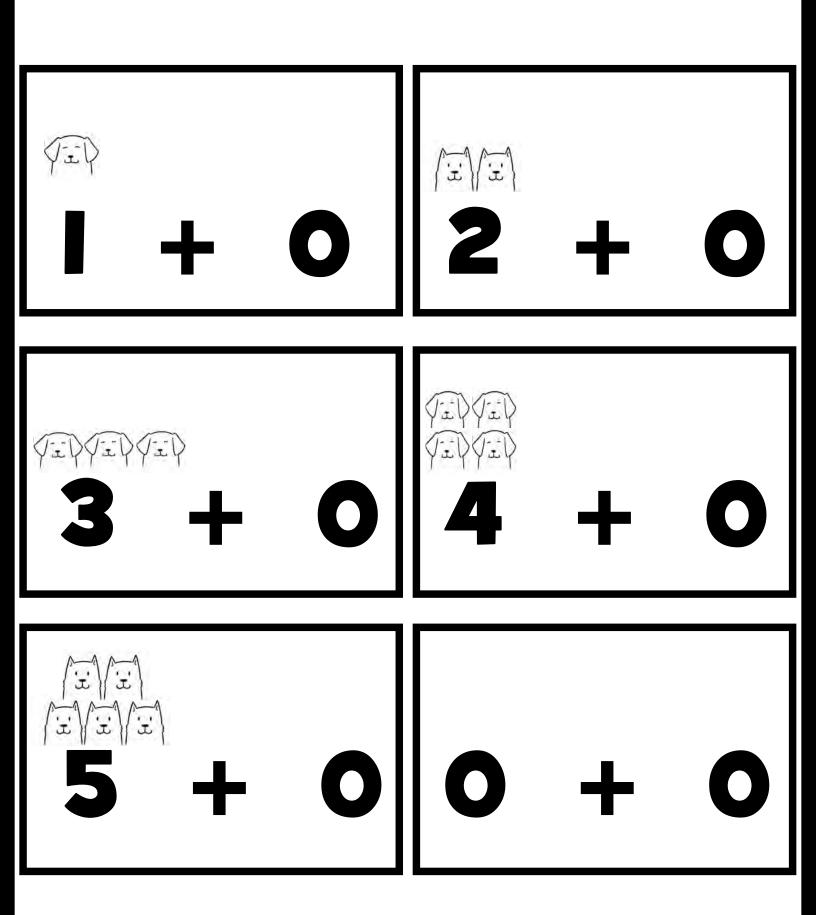




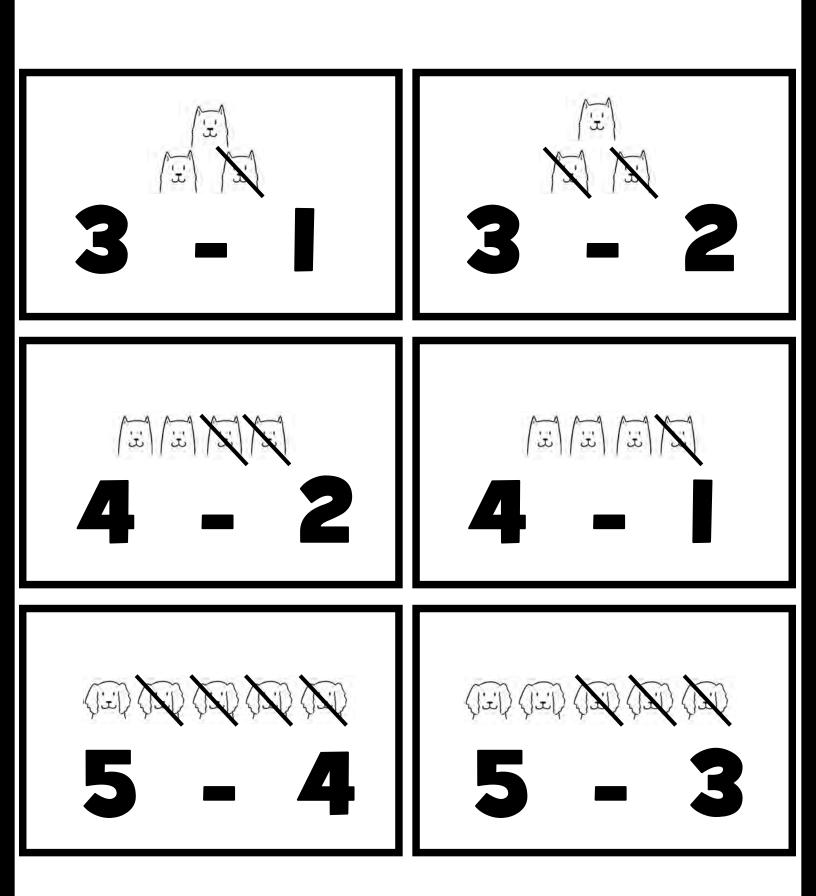




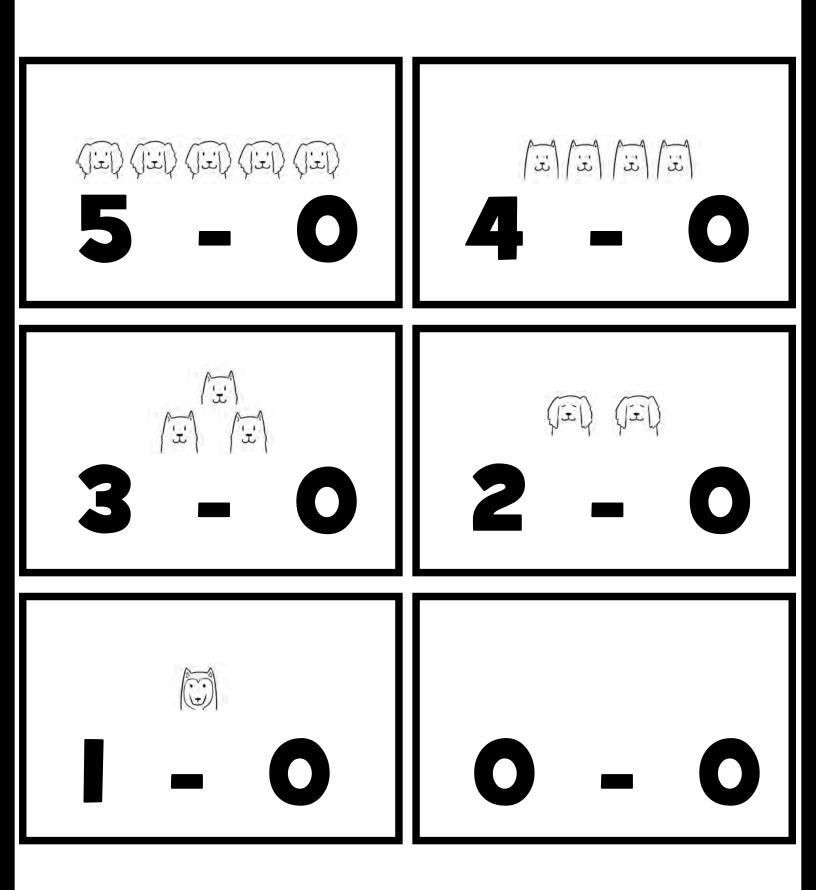
Flashcards to practice addition facts!



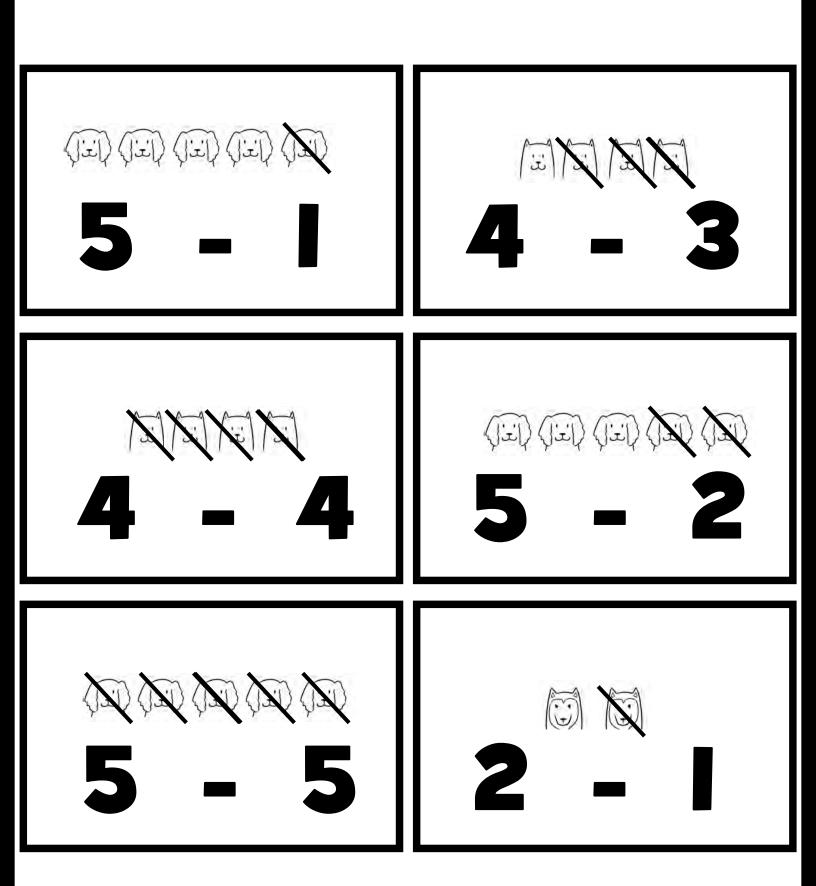
Flashcards to practice subtraction facts!



Flashcards to practice subtraction facts!

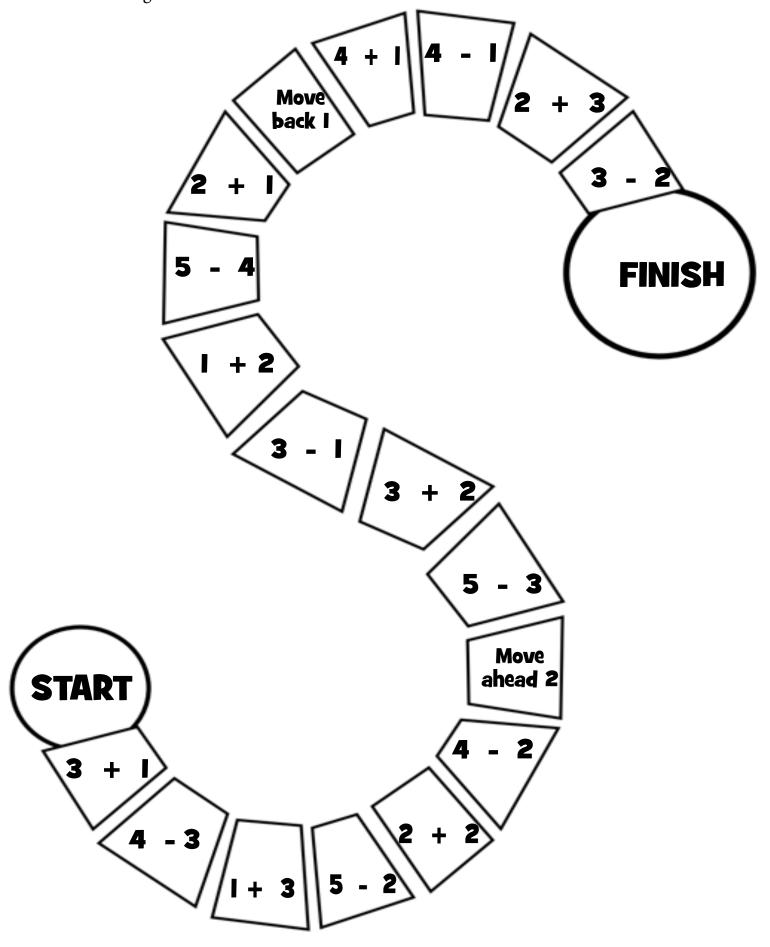


Flashcards to practice subtraction facts!



Practice addition and subtraction facts!

Instructions: Play rock, paper, scissors to see who will start the game. The first player picks the card, moves that many spaces and solves the problem where they land. Then the next player goes and does the same thing. Whoever reaches finish first wins!



Use these cards to play the game. Shuffle the cards, players take turns pulling them and following the instructions.

MOVE BACK I SPACE

MOVE BACK
2 SPACES

STAY WHERE YOU ARE

MOVE FORWARD
I SPACE

MOVE FORWARD
2 SPACES

MOVE FORWARD
3 SPACES

MOVE BACK
I SPACE

MOVE BACK
2 SPACES

STAY WHERE YOU ARE

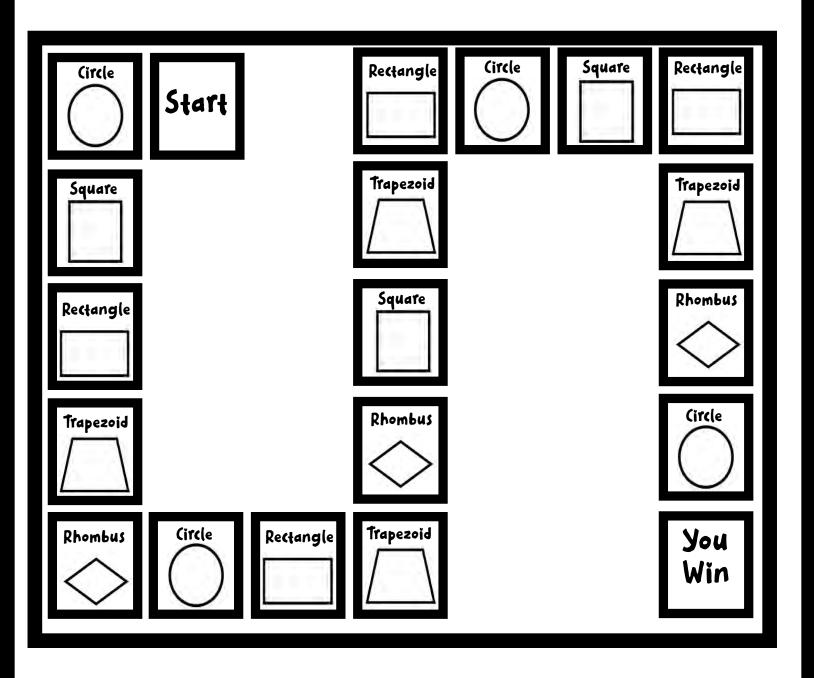
MOVE FORWARD
I SPACE

MOVE FORWARD
2 SPACES

MOVE FORWARD
3 SPACES

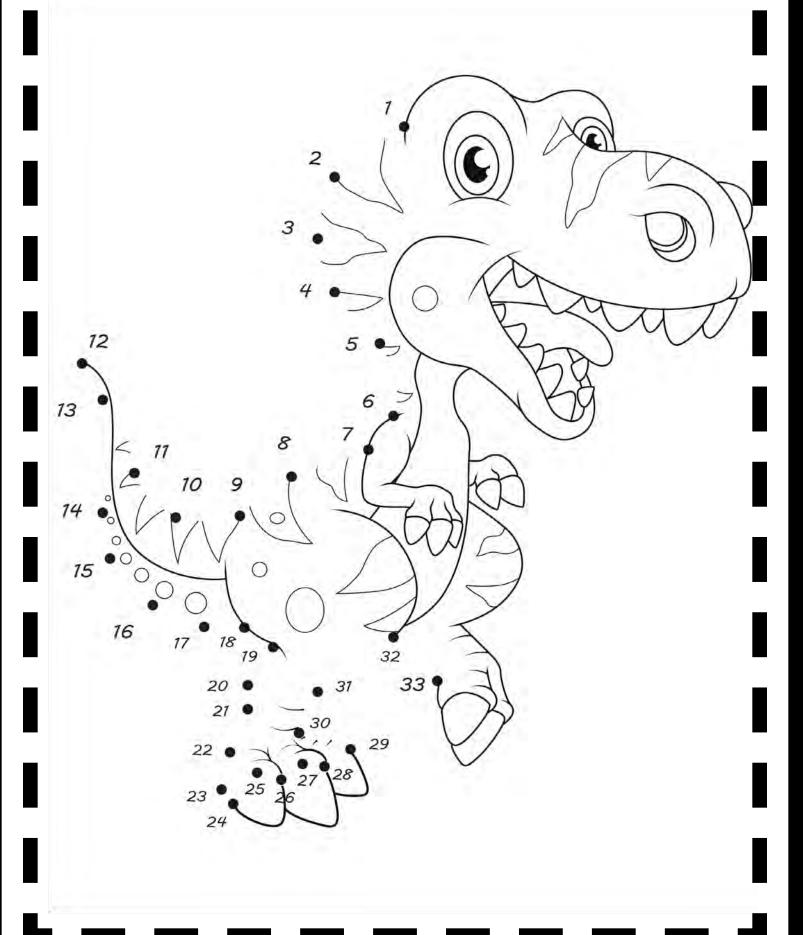
SHAPE GAME

Instructions: Play rock, paper, scissors to see who will start the game. Whoever wins, starts the game. Pull a card and move that many spaces and name the shape you land on and draw it. Whoever reaches finish first wins!



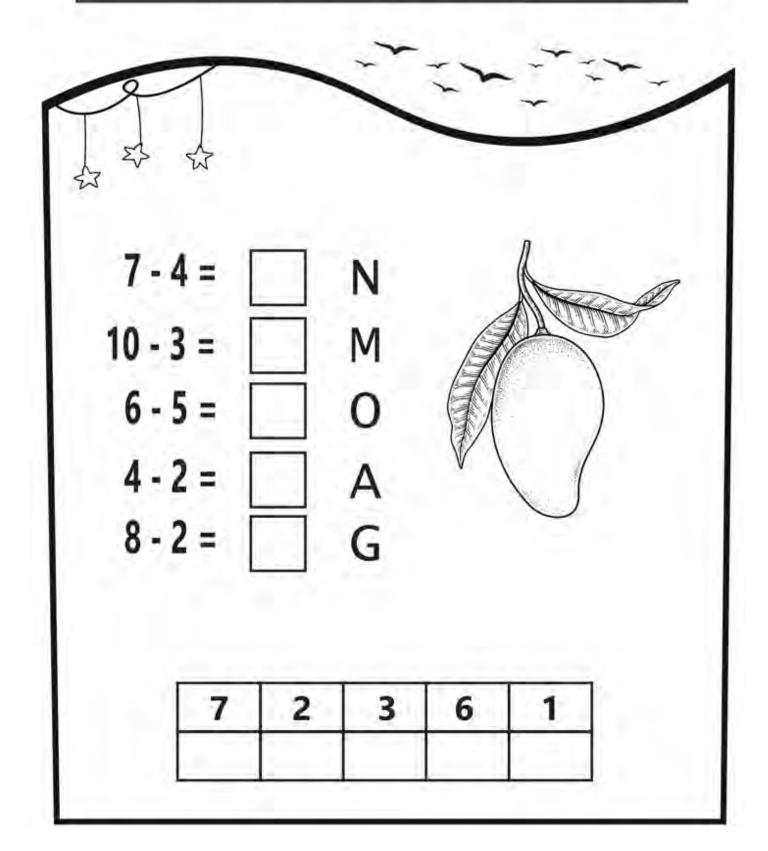
DINOSAUR DOT GAME

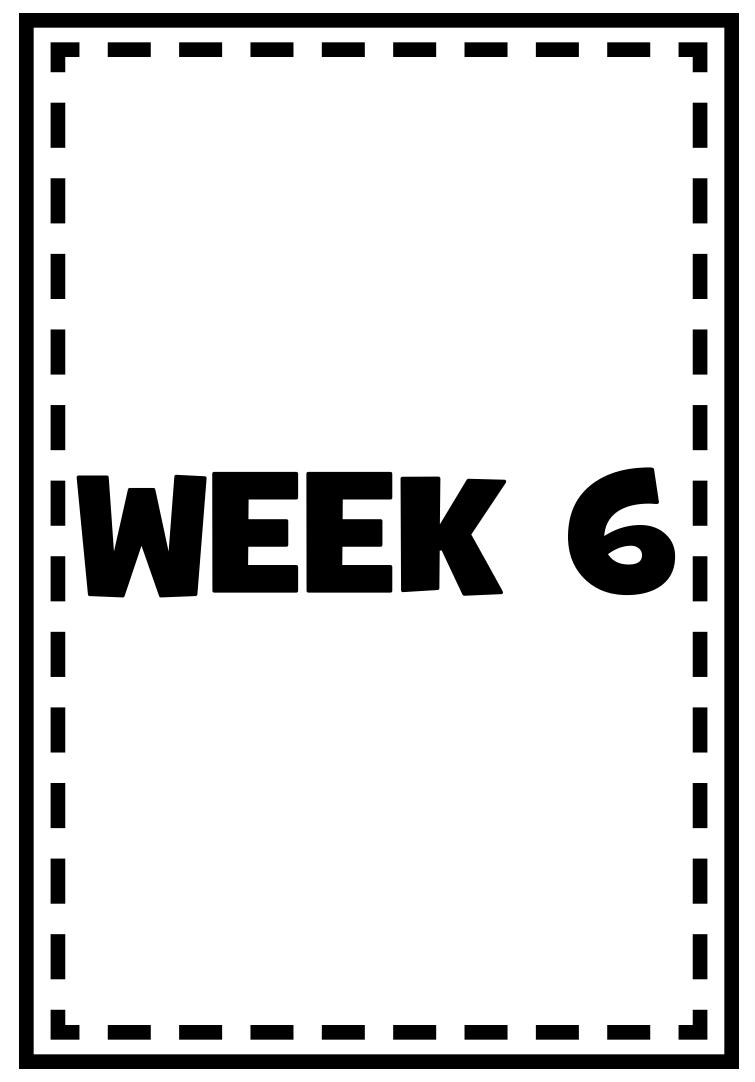
Start at the number I and connect the dots in order.



SPELLING PUZZLE

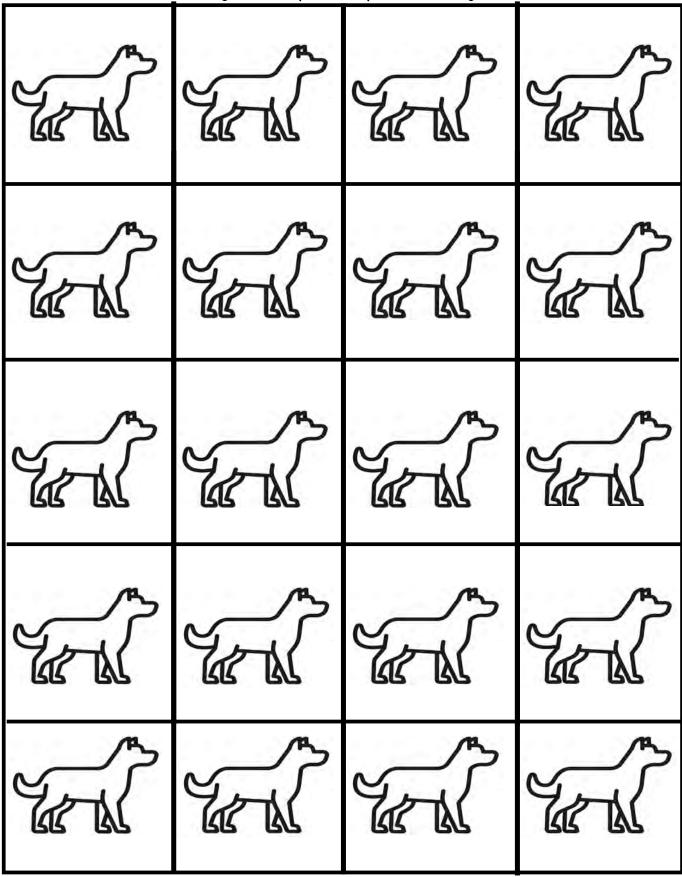
SUBTRACTING WITHIN 10





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

ADDING WITHIN 10 Act out the story on the mat.

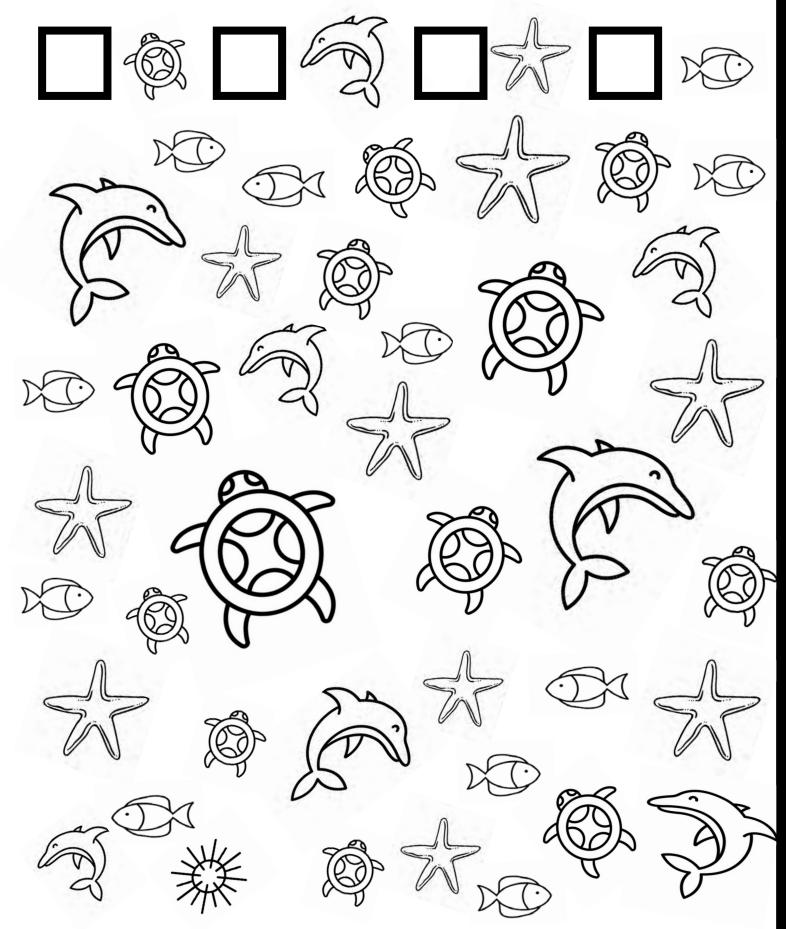
I + 2	I + I
I + 4	I + 3
3 + 2	2 + 2
5 + 0	2 + 4
2 + 5	2 + 6
2 + 7	2 + 8
3 + 3	3 + 4
3 + 5	3 + 6

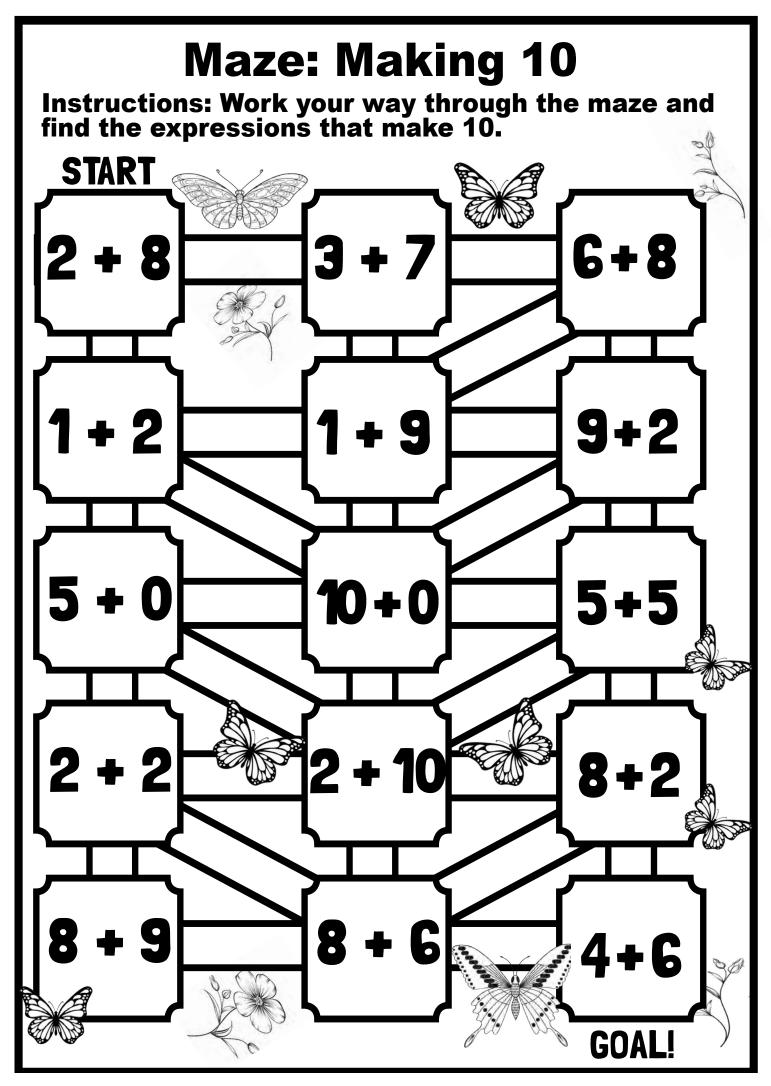
ADDING WITHIN 10 Act out the story on the mat.

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

COUNT & COLOR

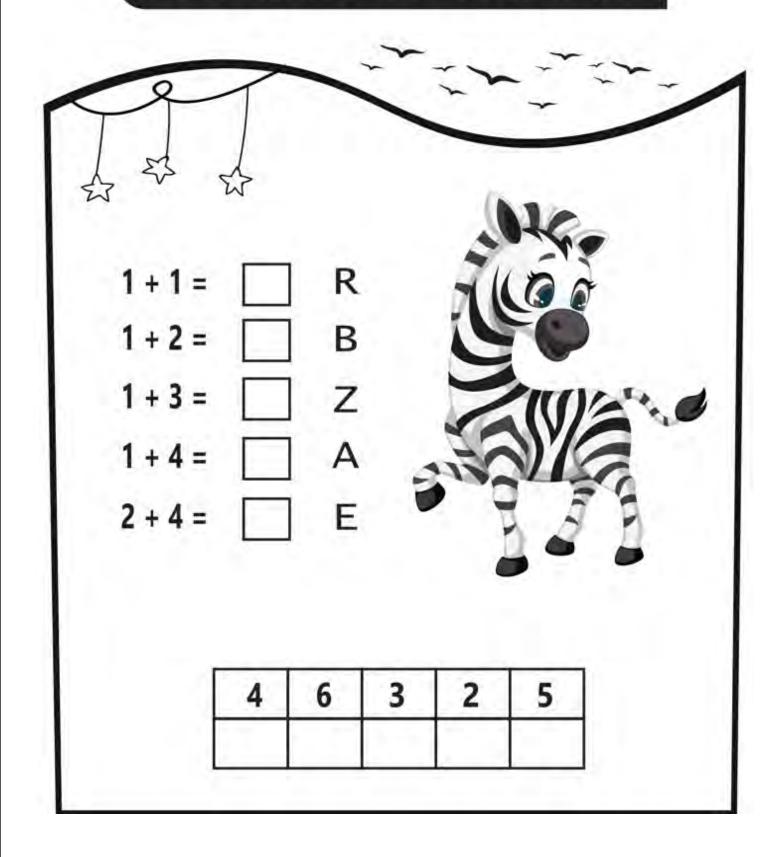
Count the sea animals and write the number by each one and color them!

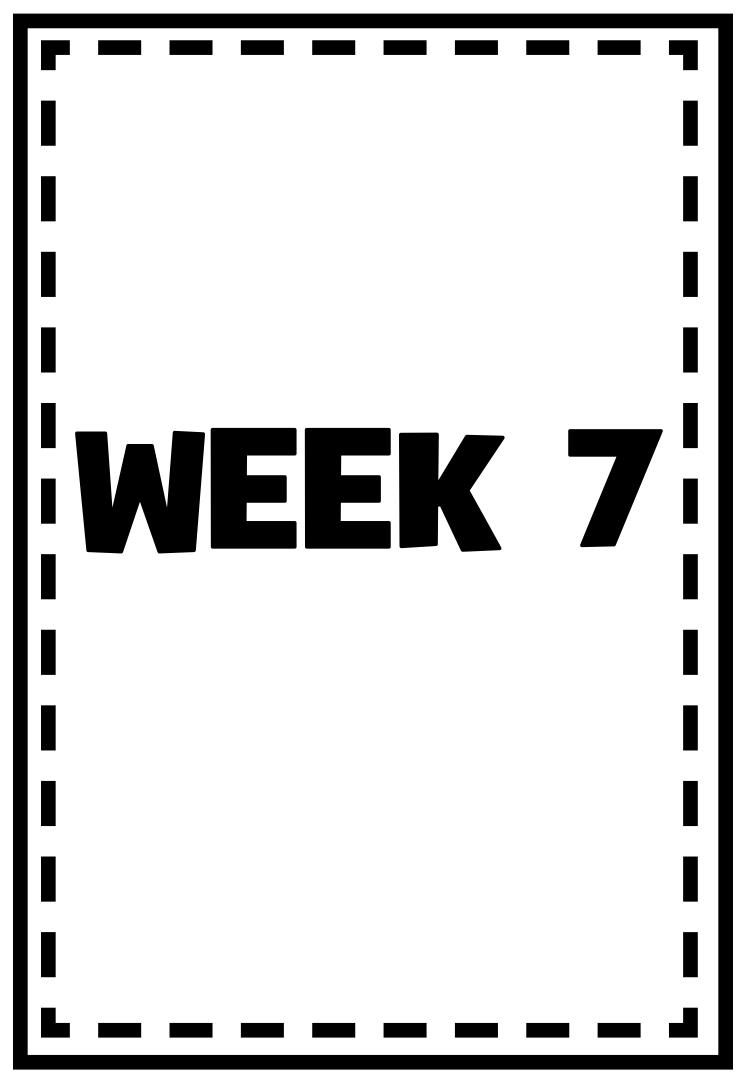




SPELLING PUZZLE

ADDING WITHIN 10



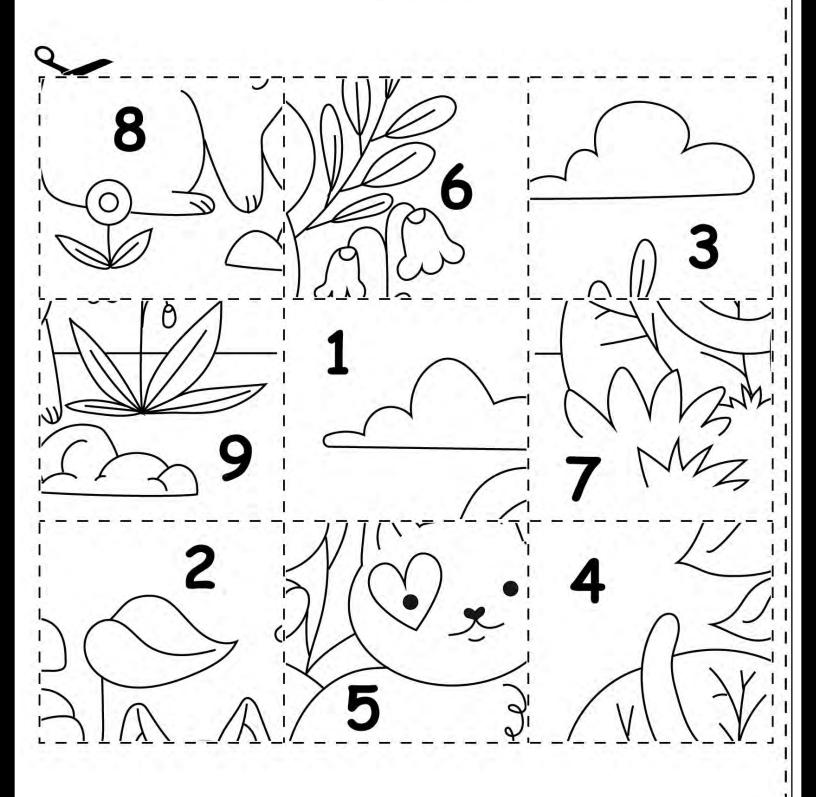




Solve the problems. Cut the pieces of the puzzle apart. Glue the correct answer in the box with the correct problem.

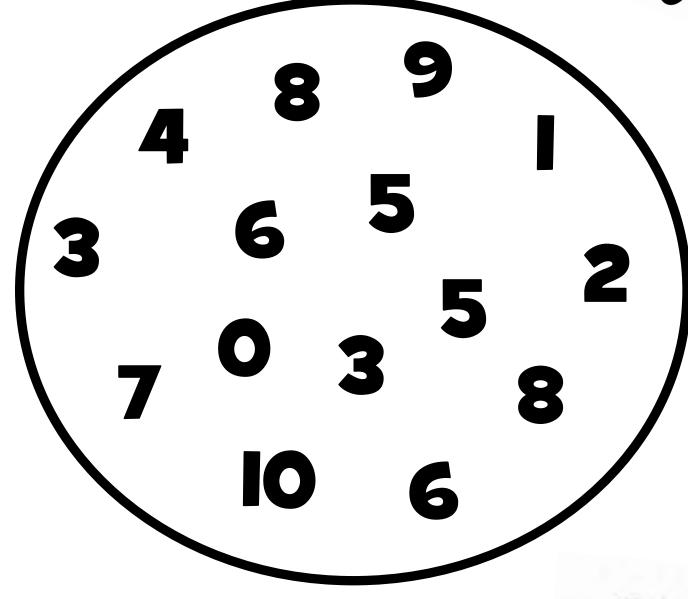
1+0	1+1	2+1
2+2	3+2	4+2
4+3	5+3	6+3

X Cut outs



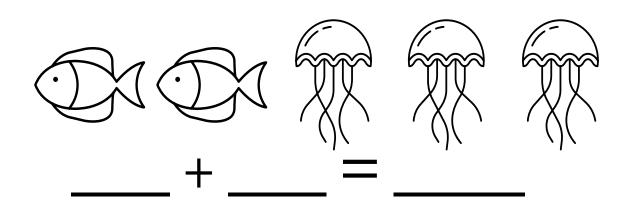
LOOKING FOR 10!66

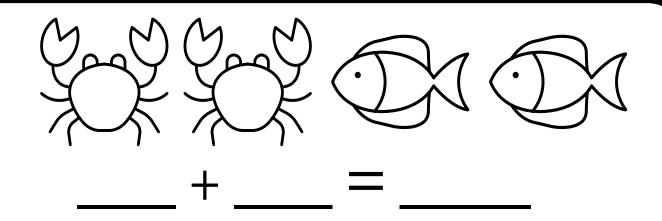


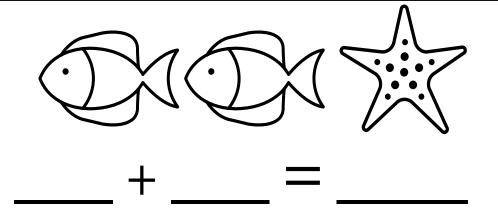


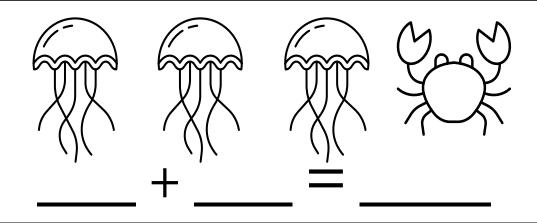
Circle each time you find a way to make (IO!)

WRITE THE EQUATION



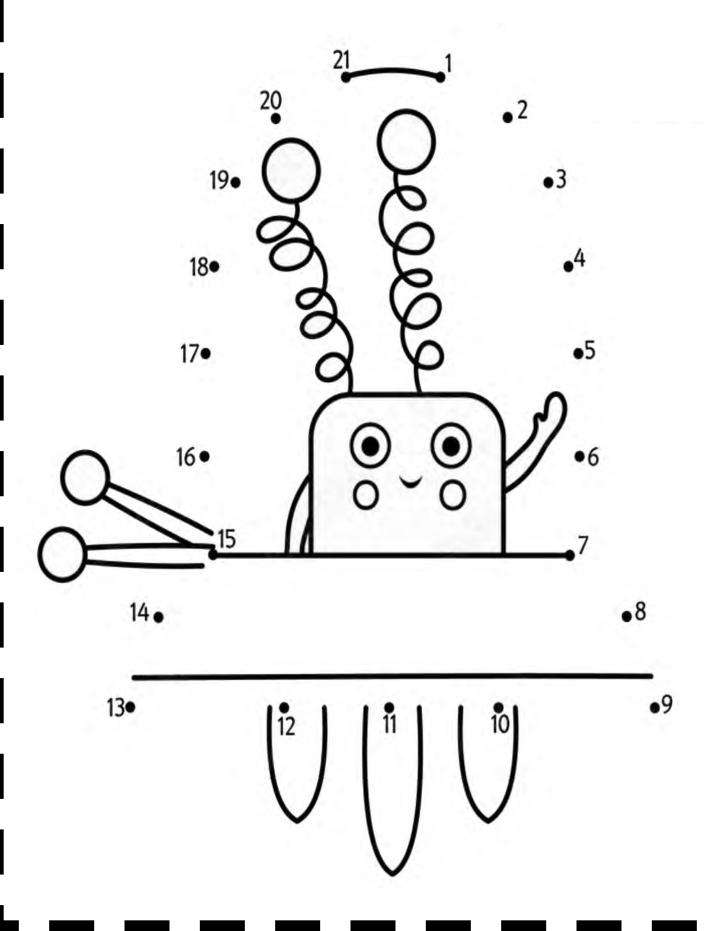






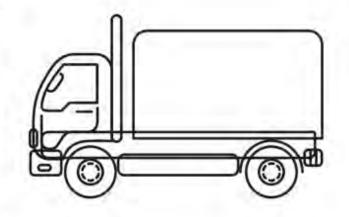
DOT GAME

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



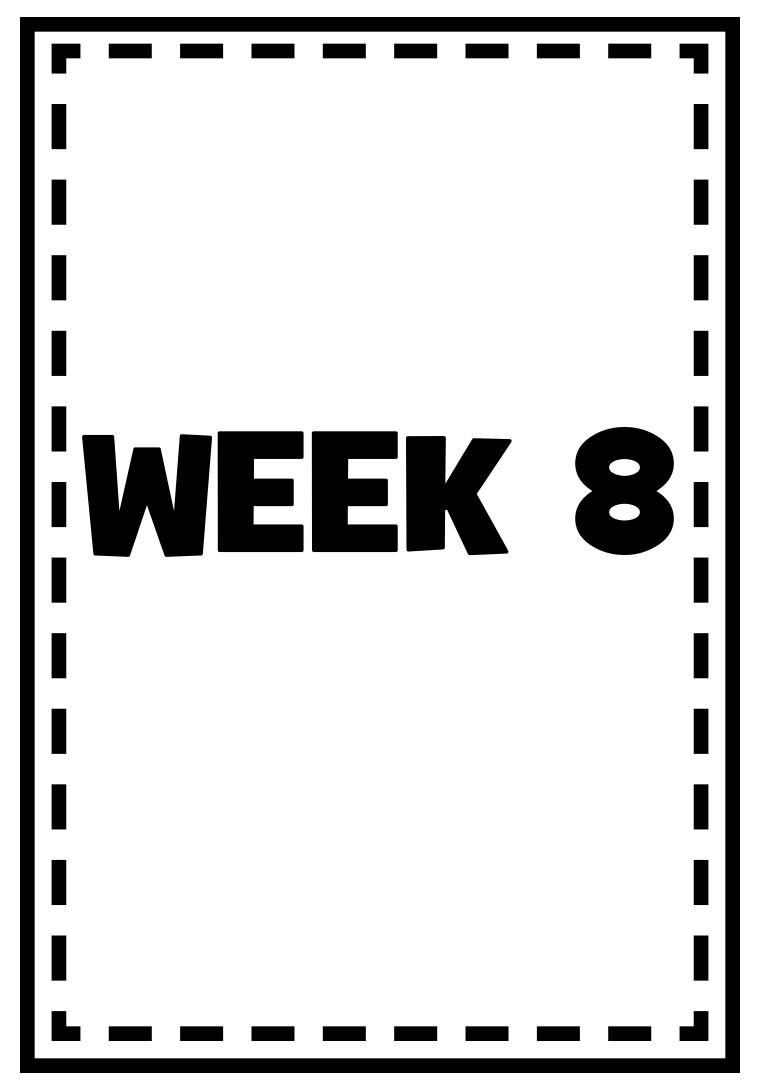
ADDING WITHIN 10



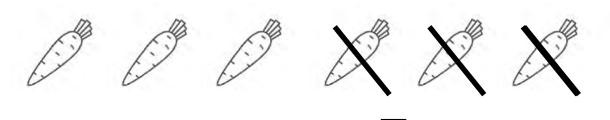


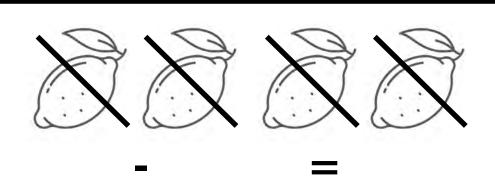
9	7	10	6	8

www.mathfactfluencyplayground.com

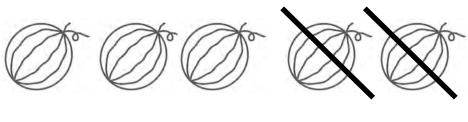


TELL THE STORY AND WRITE THE EQUATION

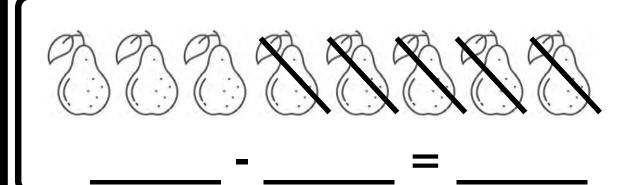


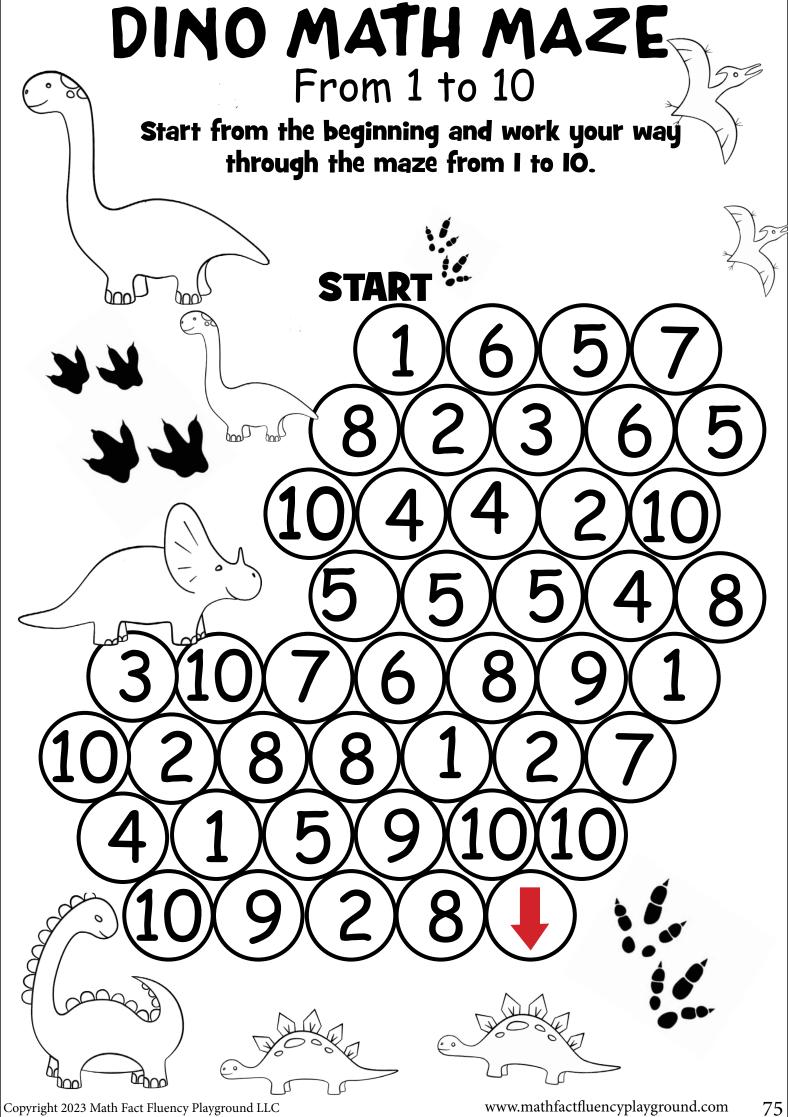


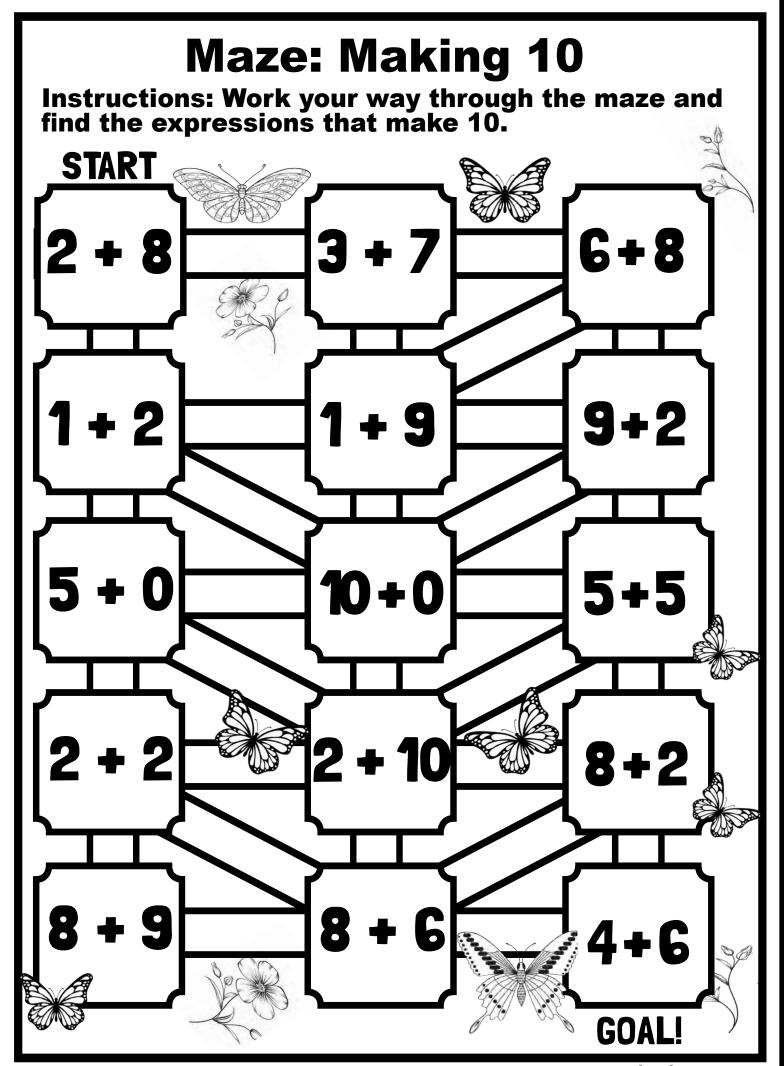
TELL THE STORY AND WRITE THE EQUATION



- =

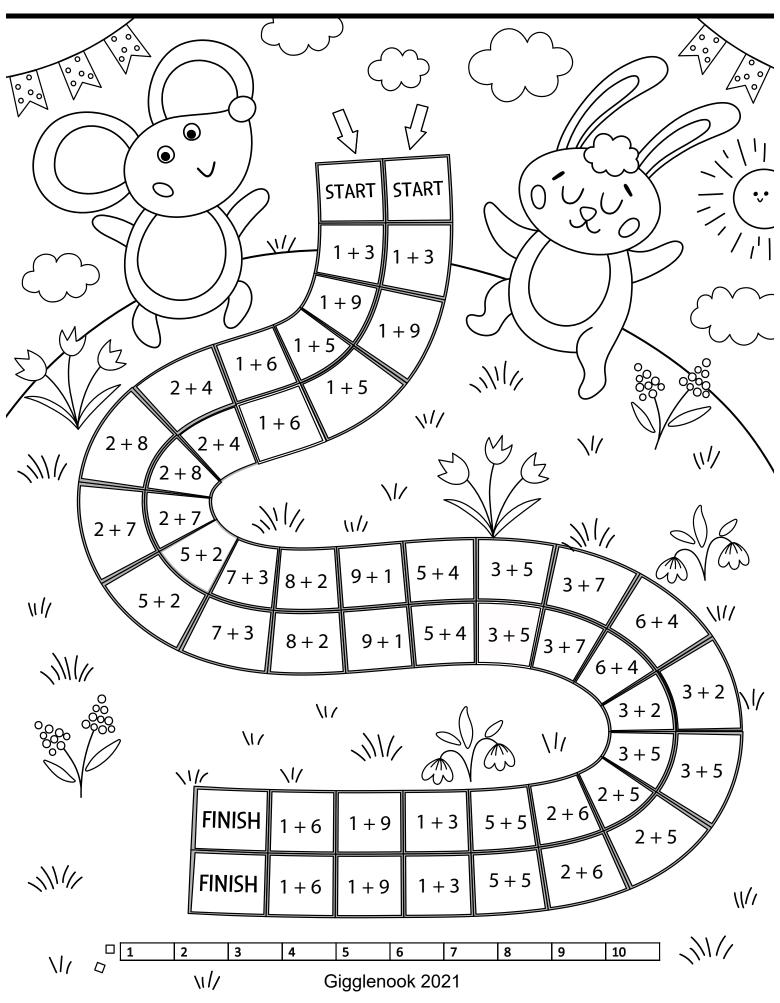






Adding within 10

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



SUBTRACTING WITHIN 10



$$9-3=$$

$$6-3= \mid Z$$



5	4	6	6	7
				11

www.mathfactfluencyplayground.com

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?

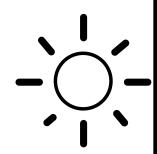
Q3: What do you need to continue to practice?

Q4: How do you feel about math?













THE END HOPE YOU HAD A GREAT SUMMER!







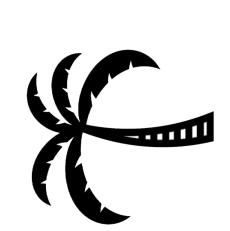












ANSWER KEY

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

Copyright 2023 Math Fact Fluency Playground LLC

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 = +9	5 + 2 = 7	11	" +	0 = 2 + 2	= 9+	- +	" & +	H = 6+9	" <u>O</u> +
S = + 	4+2 = 6	" ~	" 	12	= 9+	= _ +	" & +	" 6+	11
" +	3 + 2 = 5	" *	" 	3 + 2 = 8	= 9 +	=+	" & +	" 6+	11
2 + = 3	2+2 = 4	2 + 3 = 5	2 + 4 = 6	2 + 5 = 7	2 + 6 = 8	2 + 7 = 9	2 + 8 = 10	2 + 9 = 11	2 + 10 = 12
+ = 2	+ 2 = 3	+ 3 = +	- + + -	9 = 2+	L = 9 +	8 = 7+1	6 = 8 +	0) = 6+1	= 0 +
luency Play	ground LI	 LC				www.ma	thfactflu	 encyplay	ground.com

ADDITION TABLE

			_		_	<u> </u>	<u></u>	<u> </u>	7
11	• •	• •					• •		11
	~	\sim	_	5	9	_	∞	0	0
+	+	+	+	+	+	+	+	+	+
0	0	9	0	9	0	9	9	9	0
0	_	\underline{C}	$\overline{\mathbb{C}}$	=	<u></u>	9		∞	6
11	• •	• •		11		11	• •	11	• •
	~	\sim	_	2	9	$\overline{}$	∞	0	0
+	+	+	+	+	+	+	+	+	+
6	6	6	6	6	6	6	6	6	6
0	0	=	<u></u>	$\overline{\mathbb{S}}$	=	2	9		∞
•	••	••	• •	•	••	•	••	11	••
	~	\sim	_	2	9		∞	0	0
+	+	+	+	+	+	+	+	+	+
∞	∞	∞	∞	∞	∞	∞	∞	∞	∞
∞	0	0	=	2	$ \underline{\circ} $	=	2	9	
11	•	•	•	•	•	•	•	•	•
	2	\sim		2	9		∞	6	0
+	+	+	+	+	+	+	+	+	+
<u></u>			_	<u></u>	_	<u></u>		<u></u>	
	∞	6	0	=	2	$\overline{\mathbb{C}}$	土	5	9
11	• •	• •					• •		11
	~	\sim	_	2	9		∞	0	0
+	+	+	+	+	+	+	+	+	+
9	9	9	9	9	9	9	9	9	9
							1.6. 2		
luency Play	yground L	LC			,	www.ma	thtactflu	encyplay	ground.co

SUBTRACTION TABLE

0) (4) I-I= 0 2-I=I 3-I=2 4-I=3 5-I=4 6-I=5 7-I=6 8-I=7 9-I=8 10-I=9 II-I=10 I2-I=I

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

3	-	I,	1: =	2
3	-	2	=	L
			=	
4	-	3	=	ı
5	-	3	=	2
			=	
			=	
8	-	3	=	5
9	-	3	=	6
IC) -	3	=	7
	-	3	=	8
			=	

	O		Ŀ
4	- I	=	3
4 .	. 2	=	2
4 .	. 3	=	I
4 -	4	=	0
5 -	4	=	I
6 -	. 4	=	2
7 .	. 4	=	3
8	. 4	=	4
9.	. 4	=	5
Ю	- 4	=	6
11 -	. 4	=	7
12	- 4	=	8

L	Ц	Ų	9	E
			=	
5	-	3	=	2
5	_	4	=	I
5	_	5	=	0
6	-	5	=	ı
7	_	5	=	2
8	-	5	=	3
9	-	5	=	4
Ю) -	5	=	5
			=	
12		5	=	7

66	-	2 3 4		432
6	-	6	=======================================	0
		10	=	-
	è	6	= = =	5

SOVONS 7 - I = 6 7 - 2 = 5 7 - 3 = 4 7 - 4 = 3 7 - 5 = 2 7 - 6 = I 7 - 7 = 0 8 - 7 = I 9 - 7 = 2 IO - 7 = 3 II - 7 = 4

12 - 7 = 5

17		-7	=	~
131		1. 7"	=	
8	-	3	=	5
8	-	4	=	4
8	-	4	=	3
8	-	4	=	2
8	÷	4	=	I
8	-	8	=	0
9	-	8	=	I
IC	-	8	=	2
		_	=	-

	9 -	9 - 9 - 10 -	9 -
0			9
	=	=	==
	0	0	0

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	=	ı
Ю	_	10	=	C
11	_	IO	=	: 1
12	_	10) =	:

		200	= 1	
200			=	
II	-	3	=	8
11	-	4	=	7
II	-	5	=	6
II	-	6	=	5
11	-	7	=	4
II	-	8	=	3
II	-	9	=	2
11	-	Ю	=	1
II	_	11	=	0
12		- 11	=	

12	-	1	= 1	I
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
19	1	II	=	1

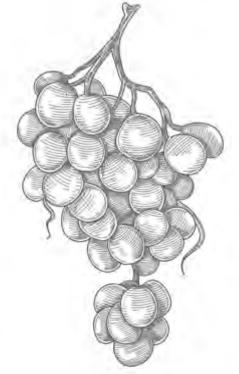
SUBTRACTING WITHIN 10



E

$$7 - 3 = 4 G$$

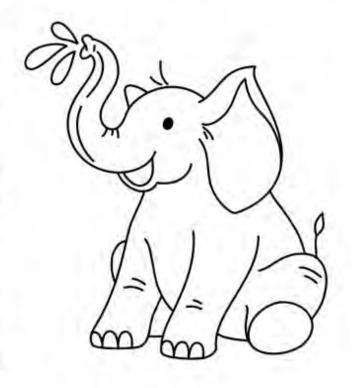
$$8 - 2 = 6 S$$



4	2	1	3	5	6
G	R	A	P	E	5

ADDING WITHIN 10





E	L	E	Р	Н	A	N	T
5	3	5	5	2	4	5	4

SUBTRACTING WITHIN 10



$$5-2=3$$
 I



4	2	2	7	3	6	1
C	0	0	K	I	E	5

ADDING WITHIN 10



$$3 + 7 = 10 N$$

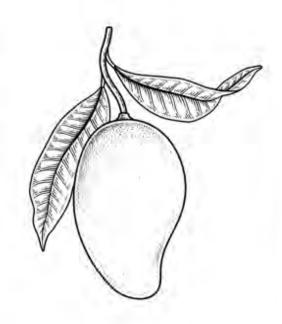
$$4 + 6 = 10$$
 A



10	7	10	10	9	8
0	R	A	7	G	E

SUBTRACTING WITHIN 10

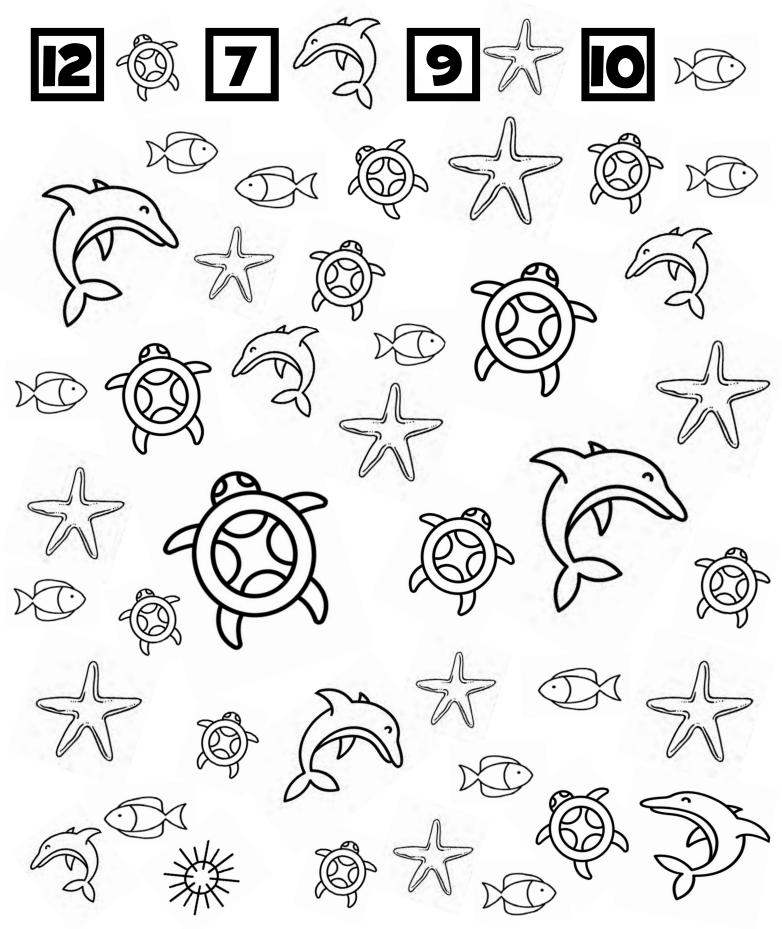


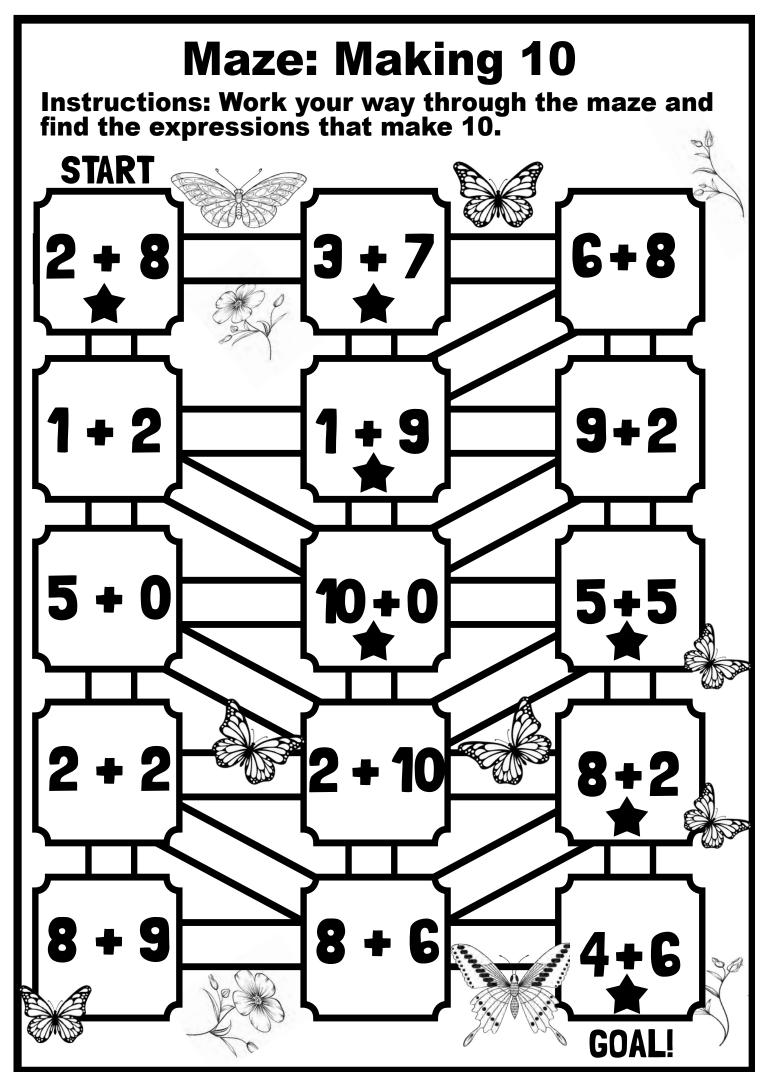


7	2	3	6	1
M	A	N	G	0

COUNT & COLOR

Count the sea animals and write the number by each one and color them!





ADDING WITHIN 10



$$1 + 3 = 4 Z$$



7 F R D A	4	6	3	2	5
-------------------	---	---	---	---	---

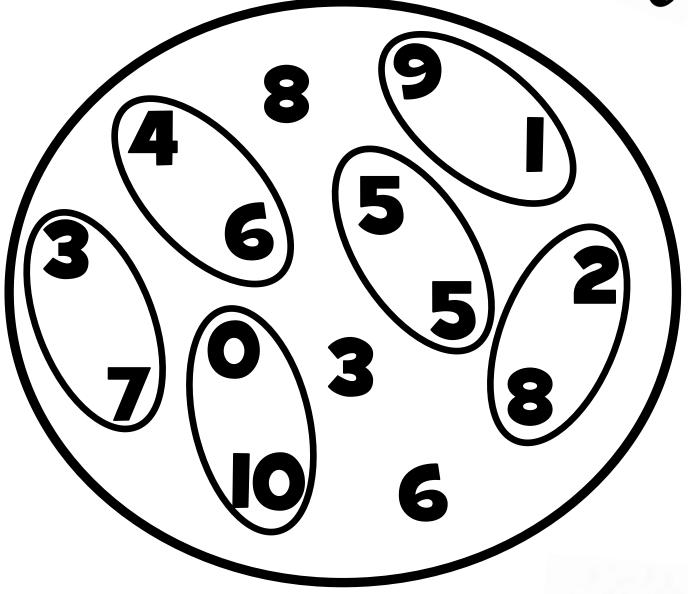


Solve the problems. Cut the pieces of the puzzle apart. Glue the correct answer in the box with the correct problem.



LOOKING FOR 10!66





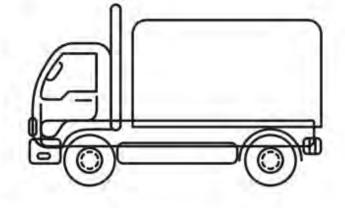
Circle each time you find a way to make (IO!)

ADDING WITHIN 10



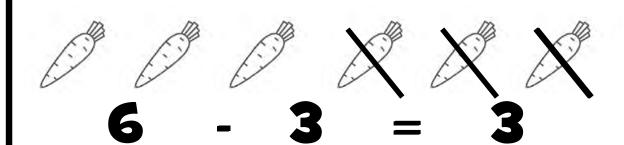
$$2 + 7 = 9 T$$

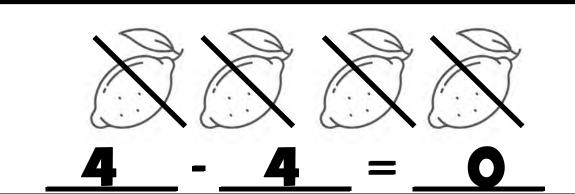
$$3 + 4 = 7 R$$



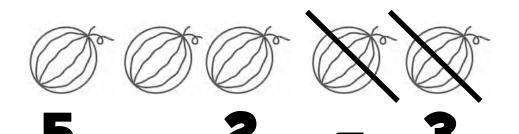
9	7	10	6	8
T	R	U	C	K

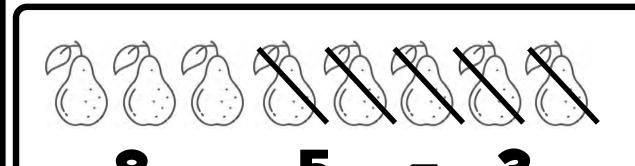
TELL THE STORY AND WRITE THE EQUATION





TELL THE STORY AND WRITE THE EQUATION





DINO MATH MAZE From 1 to 10 Start from the beginning and work your way through the maze from I to IO.

SUBTRACTING WITHIN 10



$$6 - 3 = 3 Z$$



5	4	6	6	7
P	I	Z	Z	A