

Die Minus Two  
using 12 sided die

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

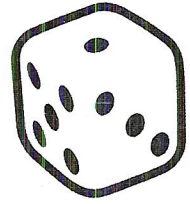
1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

# Die Minus One Chart

- Each player chooses a color token (tiles, cubes, chips).
- Players toss die. Highest number goes first.

## How to Play

- Toss die.
- Subtract one.
- Find the number on the chart.
- Place one token on the number.
- If number has a token on it, lose a turn.
- Count tokens to see who wins.



1	3	0	2	5
4	1	2	0	4
2	4	0	3	5
3	1	3	4	1
0	2	5	2	0
5	3	4	1	3

### How to Play

- Toss die.
- Subtract one.
- Fill in the box.

## Die Minus One Graph

<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>

### How to Play

- Toss die.
- Subtract one.
- Fill in the box.

## Die Minus One Graph

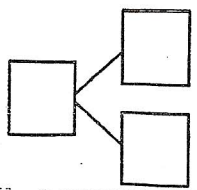
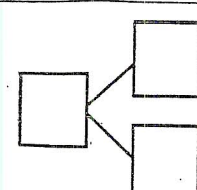
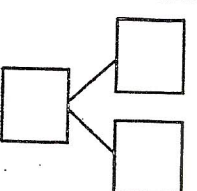
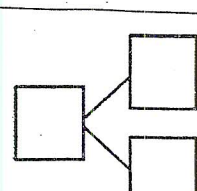
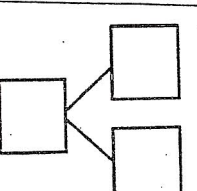
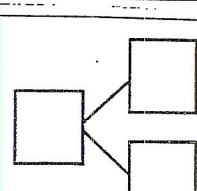
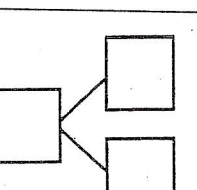
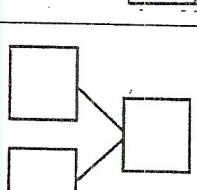
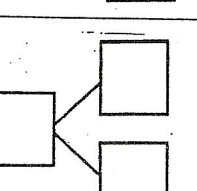
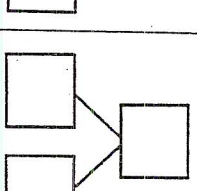
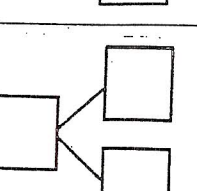
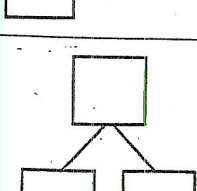
<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>



Name \_\_\_\_\_

# Roll Write and Take Away

Roll a die (6 or 10 sided (0-9)). Take the number rolled, away from the first number. Count back using the number line at the bottom to find your answer.

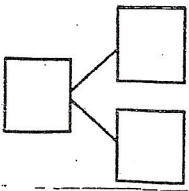
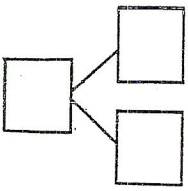
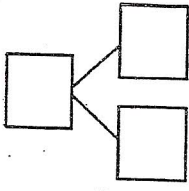
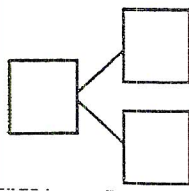
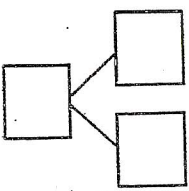
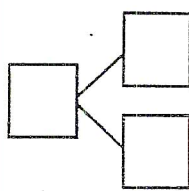
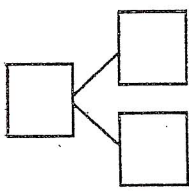
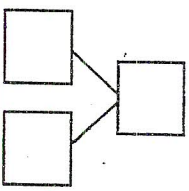
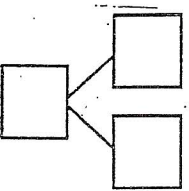
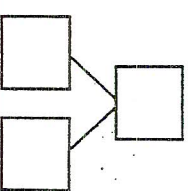
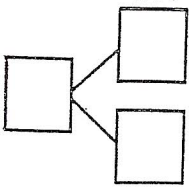
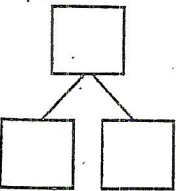
$6 - \underline{\quad} =$		$8 - \underline{\quad} =$	
$8 - \underline{\quad} =$		$6 - \underline{\quad} =$	
$7 - \underline{\quad} =$		$7 - \underline{\quad} =$	
$5 - \underline{\quad} =$		$9 - \underline{\quad} =$	
$10 - \underline{\quad} =$		$8 - \underline{\quad} =$	
$9 - \underline{\quad} =$		$6 - \underline{\quad} =$	

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

Name \_\_\_\_\_

# Roll Write and Take Away

Roll a die (6 or 10 sided (0-9)). Take the number rolled, away from the first number. Count back using the number line at the bottom to find your answer.

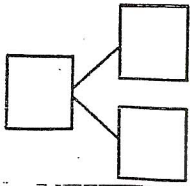
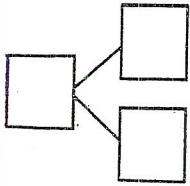
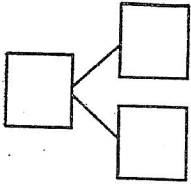
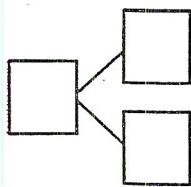
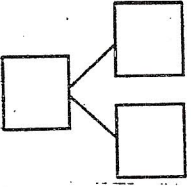
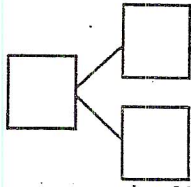
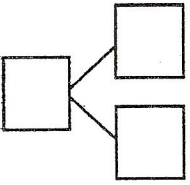
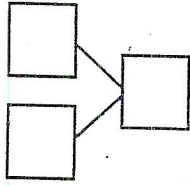
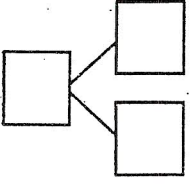
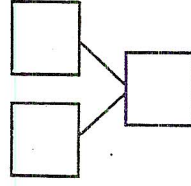
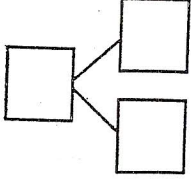
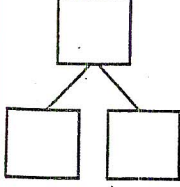
$7 - \underline{\quad} =$		$7 - \underline{\quad} =$	
$7 - \underline{\quad} =$		$7 - \underline{\quad} =$	
$7 - \underline{\quad} =$		$7 - \underline{\quad} =$	
$7 - \underline{\quad} =$		$7 - \underline{\quad} =$	
$7 - \underline{\quad} =$		$7 - \underline{\quad} =$	
$7 - \underline{\quad} =$		BONUS: $6 - \underline{\quad} =$	

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

Name \_\_\_\_\_

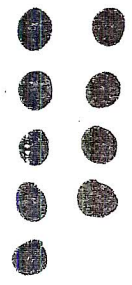
# Roll Write and Take Away

Roll a die (6 or 10 sided (0-9). Take the number rolled, away from the first number. Count back using the number line at the bottom to find your answer.

$8 - \underline{\quad} =$		$8 - \underline{\quad} =$	
$8 - \underline{\quad} =$		$8 - \underline{\quad} =$	
$8 - \underline{\quad} =$		$8 - \underline{\quad} =$	
$8 - \underline{\quad} =$		$8 - \underline{\quad} =$	
$8 - \underline{\quad} =$		$8 - \underline{\quad} =$	
$8 - \underline{\quad} =$		<b>*BONUS:</b> $6 - \underline{\quad} =$	

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

Name \_\_\_\_\_



# Roll Write and Take Away

Roll a die (6 or 10 sided (0-9)). Take the number rolled, away from the first number. Count back using the number line at the bottom to find your answer.

$9 - \underline{\quad} =$		$9 - \underline{\quad} =$	
$9 - \underline{\quad} =$		$9 - \underline{\quad} =$	
$9 - \underline{\quad} =$		$9 - \underline{\quad} =$	
$9 - \underline{\quad} =$		$9 - \underline{\quad} =$	
$9 - \underline{\quad} =$		$9 - \underline{\quad} =$	
$9 - \underline{\quad} =$		<b>BONUS:</b> $6 - \underline{\quad} =$	

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



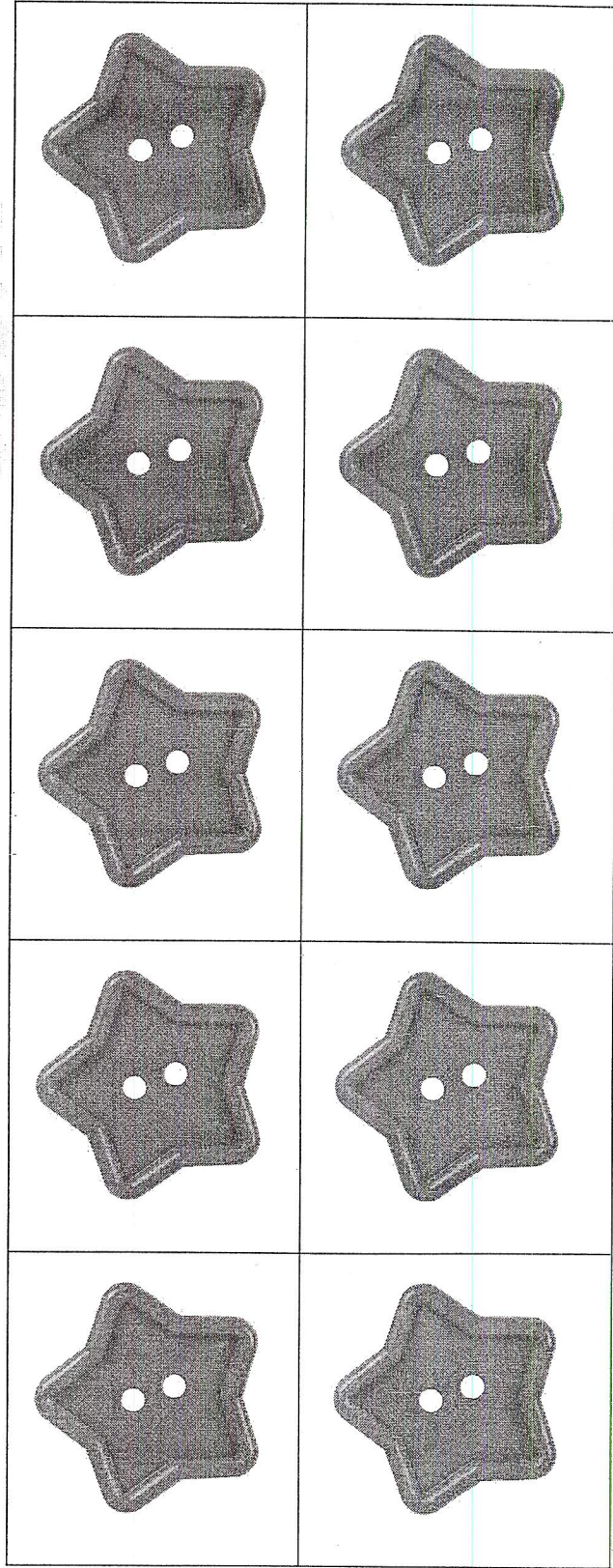
# Roll and Take Away

Roll the dice. Put the bigger number here.	Take away. —	Roll the Dice. Put the smaller number here.	=	

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

Children can play with a partner or small group. Each child will need 1 or 2 gameboards and 20 counters (unifix cubes). Each group needs 1 die (dot or numeral) and a +/- spinner. The child tries to cover all 10 of the stars on the gameboard with the counters. On his/her turn, the player spins the spinner to see if they add or subtract counters from his/her board. Then he/she rolls the die and adds or subtracts that number from his/her gameboard. If a player has to take away more than he/she has on the gameboard, he/she misses a turn. If a child has to put on more counters than he/she has room for on the gameboard, he/she must get another gameboard. Play continues until a child reaches 10 exactly.

# RACE TO TEN - ADD OR SUBTRACT?



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

# Sum / Difference Activity

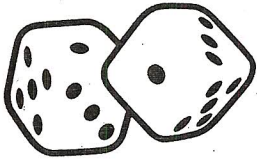
<i>Toss 2 dice and write the 2 numbers. It is important to write the higher number first!</i>	<b>SUM</b> plus (+)	<b>DIFFERENCE</b> minus (-)
Example: If you roll 2 and 3...  <b>3, 2</b>	<b><math>3 + 2 = 5</math></b>	<b><math>3 - 2 = 1</math></b>

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



# Two-Dice Subtraction Tic-Tac-Toe

- Each player chooses a color token (tiles, cubes, chips).
- Players each toss die. Highest number goes first.



## How to Play

- Toss 2 dice.
- Subtract smaller number from larger number.
- Player finds the difference on the grid and places a token on it.
- If number has a token on it, lose a turn.
- First player to get three in a row wins that game.
- Play 3 games. Player winning 2 out of 3 games wins.

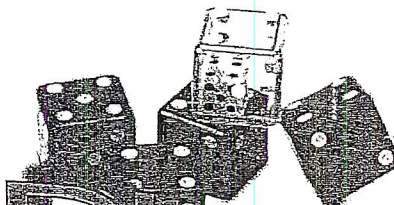
0	4	3
2	3	2
1	5	1

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



Name \_\_\_\_\_

# Dice in Dice



Roll 1 "Dice in Dice." Subtract the numbers. Make sure the greater (bigger) number is first. Record your number sentence.

_____	-	_____	=	_____
-----		-----		-----
_____		_____		_____
_____	-	_____	=	_____
-----		-----		-----
_____		_____		_____
_____	-	_____	=	_____
-----		-----		-----
_____		_____		_____
_____	-	_____	=	_____
-----		-----		-----
_____		_____		_____
_____	-	_____	=	_____
-----		-----		-----
_____		_____		_____
_____	-	_____	=	_____
-----		-----		-----
_____		_____		_____
_____	-	_____	=	_____
-----		-----		-----
_____		_____		_____

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

# Subtraction Graph

## How to Play

- Toss 2 dice and write the difference between the pair of dice on the graph in the corresponding column.
- Activity is completed when one column is full.



<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>

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