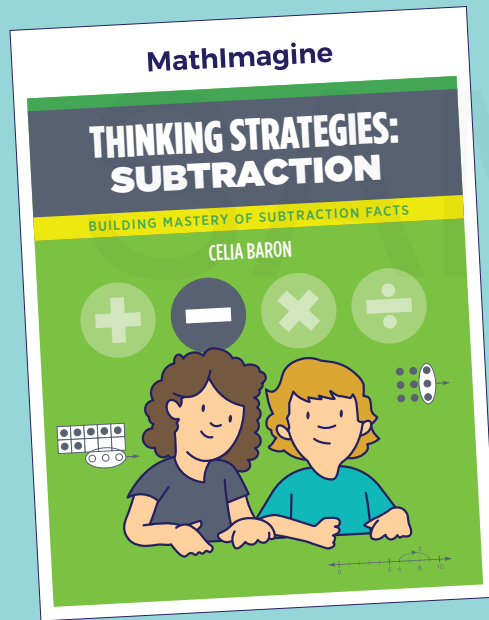
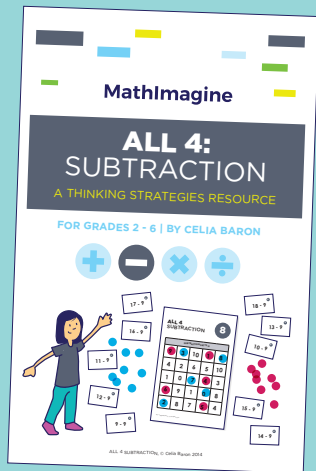


# A NOTE TO THE TEACHER/PARENT



Dear Teacher/Parent,

*All 4: Subtraction*, a Thinking Strategies supplemental resource, is a bingo game to promote the fluency of basic facts. The order of presentation of the games follows the same order as in *Thinking Strategies: Subtraction*. Once children develop and understand the thinking strategies presented in *Thinking Strategies: Subtraction*, they can then use this resource for additional practice.

The Thinking Strategies series accomplishes mastery of basic facts by:

1. chunking facts into groups for ease of learning,
2. introducing chunks in logical rather than numerical order,
3. developing efficient strategies for each chunk, and
4. practice, practice, and more practice of those strategies to reach mastery.

The importance of having all children master the basic facts cannot be overemphasized. Mastery of the basic facts enhances a child's belief in his or her ability to be successful in the study of mathematics.

This resource includes the following:

- 20 game boards
- Self-reflection form
- 32 cards for each game board
- Tracking form

MathImagine

ALL 4 SUBTRACTION, © Celia Baron 2014

# ALL 4 SUBTRACTION

Approximate starting grade: **GRADE 2**

## INSTRUCTIONS:

1. This is a game for two players or two teams.
2. Choose a game board along with the accompanying set of 32 cards.
3. Pick 2 sets of different-coloured bingo chips.
4. Scatter the cards face down.
5. Each player/team in turn chooses a card and places a bingo chip on the square with the answer.
6. If there are no remaining squares with that answer, the player/team forfeits the turn.
7. The first player/team with 4 bingo chips in a row, column, or diagonal wins the game.

GAME BOARD	SUBTRACTION FACTS WITH...
1	0, 1, and 2
2	3
3	0, 1, 2, and 3
4	from 10
5	differences of 0, 1, 2, and 3
6	sums less than 10
7	9 and 10
8	9
9	8, 9, and 10
10	8
11	differences of 8, 9, and 10
12	doubles and near doubles
13	near doubles
14	4
15	5
16	6
17	7
18-20	0 - 10

MathImagine

ALL 4 SUBTRACTION, © Celia Baron 2014

# ALL 4 SUBTRACTION

1

SUBTRACTION FACTS: 0, 1, AND 2				
2	0	6	3	5
5	4	9	1	10
7	6	8	4	9
9	3	2	0	8
10	1	5	7	6

# ALL 4 SUBTRACTION

2

SUBTRACTION FACTS: 3				
3	2	5	8	9
5	4	6	2	10
1	0	7	4	6
9	3	10	8	7
6	1	0	9	5

— 1  
0 - 0  
ALL 4

— 1  
1 - 1  
ALL 4

— 1  
2 - 2  
ALL 4

— 1  
1 - 0  
ALL 4

— 1  
2 - 1  
ALL 4

— 1  
3 - 2  
ALL 4

— 1  
2 - 0  
ALL 4

— 1  
3 - 1  
ALL 4

— 1  
4 - 2  
ALL 4

— 1  
3 - 0  
ALL 4

— 1  
4 - 1  
ALL 4

— 1  
5 - 2  
ALL 4

— 1  
4 - 0  
ALL 4

— 1  
5 - 1  
ALL 4

— 1  
6 - 2  
ALL 4

— 1  
5 - 0  
ALL 4

— 1  
6 - 1  
ALL 4

— 1  
7 - 2  
ALL 4

— 1  
6 - 0  
ALL 4

— 1  
7 - 1  
ALL 4

— 1  
8 - 2  
ALL 4

— 1  
7 - 0  
ALL 4

— 1  
8 - 1  
ALL 4

— 1  
9 - 2  
ALL 4

— 1  
8 - 0  
ALL 4

— 1  
9 - 1  
ALL 4

— 1  
10 - 2  
ALL 4

— 1  
9 - 0  
ALL 4

— 1  
10 - 1  
ALL 4

— 1  
10 - 1  
ALL 4

— 1  
10 - 0  
ALL 4

— 1  
10 - 0  
ALL 4

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

— (2)  $3 - 3$  ALL 4

— (2)  $3 - 3$  ALL 4

— (2)  $3 - 3$  ALL 4

— (2)  $4 - 3$  ALL 4

— (2)  $4 - 3$  ALL 4

— (2)  $5 - 3$  ALL 4

— (2)  $5 - 3$  ALL 4

— (2)  $5 - 3$  ALL 4

— (2)  $6 - 3$  ALL 4

— (2)  $6 - 3$  ALL 4

— (2)  $6 - 3$  ALL 4

— (2)  $6 - 3$  ALL 4

— (2)  $7 - 3$  ALL 4

— (2)  $7 - 3$  ALL 4

— (2)  $7 - 3$  ALL 4

— (2)  $8 - 3$  ALL 4

— (2)  $8 - 3$  ALL 4

— (2)  $8 - 3$  ALL 4

— (2)  $9 - 3$  ALL 4

— (2)  $9 - 3$  ALL 4

— (2)  $9 - 3$  ALL 4

— (2)  $10 - 3$  ALL 4

— (2)  $10 - 3$  ALL 4

— (2)  $10 - 3$  ALL 4

— (2)  $10 - 3$  ALL 4

— (2)  $11 - 3$  ALL 4

— (2)  $11 - 3$  ALL 4

— (2)  $11 - 3$  ALL 4

— (2)  $12 - 3$  ALL 4

— (2)  $12 - 3$  ALL 4

— (2)  $12 - 3$  ALL 4

— (2)  $13 - 3$  ALL 4

— (2)  $13 - 3$  ALL 4

# HOW DID I DO TODAY?

Bingo game number \_\_\_\_\_ Date \_\_\_\_\_



These are facts that are easy for me:

\_\_\_\_\_  
\_\_\_\_\_



These are facts that are tricky for me:

\_\_\_\_\_  
\_\_\_\_\_

# HOW DID I DO TODAY?

Bingo game number \_\_\_\_\_ Date \_\_\_\_\_



These are my favorite thinking strategies:

1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

# ALL 4: SUBTRACTION

Check off the puzzle numbers you have completed to track your progress!

Student name \_\_\_\_\_

