

Strands Operations and Computation; Numeration; Patterns, Functions, and Algebra
Skill Practice addition facts and comparing sums

OPTIONS FOR INDIVIDUALIZING							
GRADES	K	1	2	3	4	5	6
ENRICHMENT	✓						
CORE PROGRAM	✓	✓	✓	✓	✓	✓	
RETEACHING AND PRACTICE							✓

Games Kit Materials (per group)

- *Top-It* Gameboard
- Game Master 5 (Addition Facts Table; 1 per player, optional)
- Everything Math Deck (For Grade 1: number cards 0–9, 4 of each; For Grades 2–5: number cards 0–10, 4 of each)

Additional Materials (per group)

- 1 calculator (optional)

Players 2–4



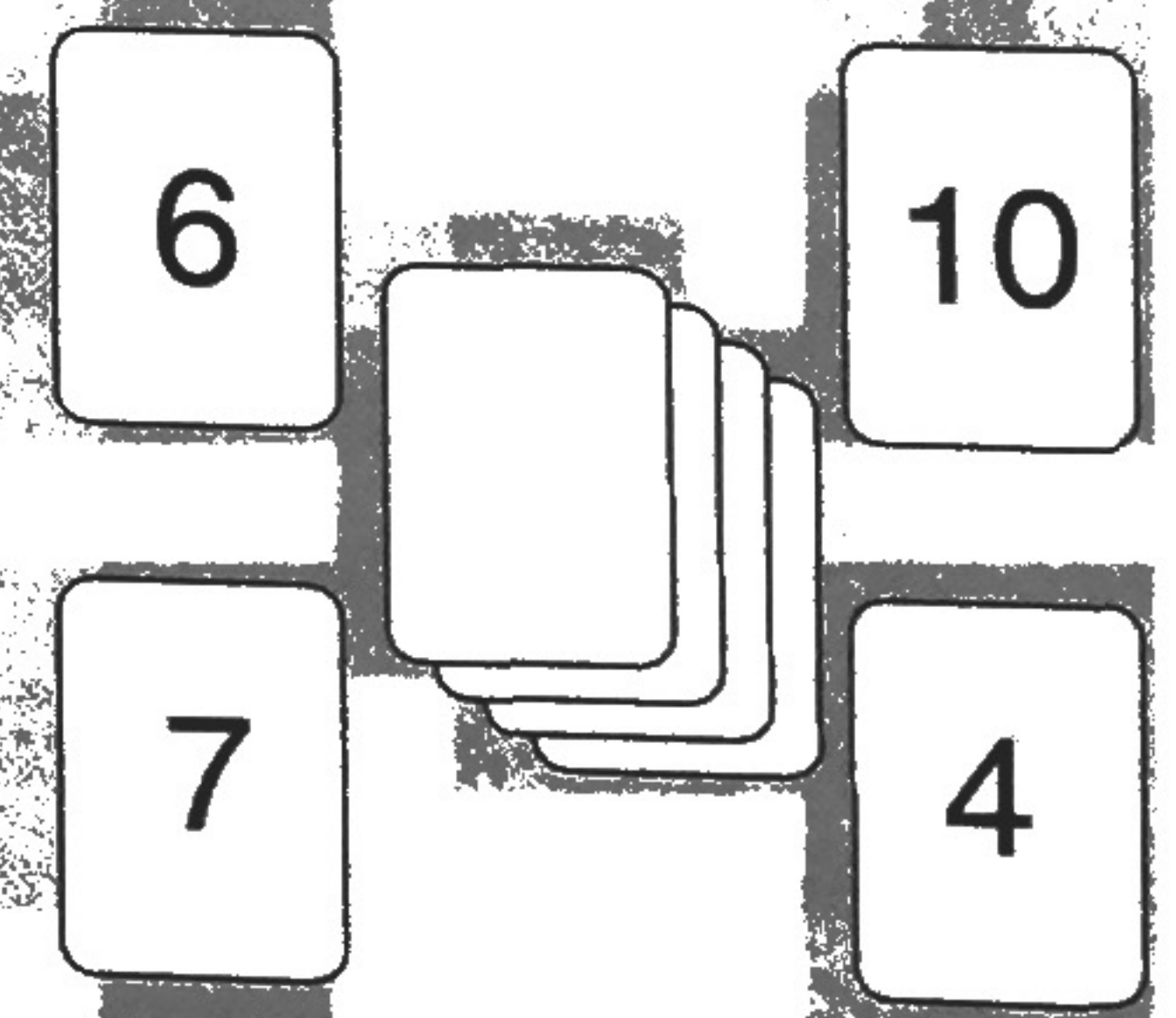
NOTE: If students in Grade 1 don't know the sum, they may look it up in the Addition/Subtraction Facts Table on Game Master 5.

Object of the game To collect the most cards.

Directions

1. One player shuffles the cards and places the deck with the numbers facedown on the playing surface.
2. Each player turns over 2 cards and calls out the sum of the numbers. Players should check each other's sums, using a calculator.
3. The player with the greatest sum takes all the cards. In case of a tie, each tied player turns over 2 more cards and calls out the sum. The player with the greater sum takes all the cards from both plays and records a win in the score box on the gameboard.
4. Play ends when not enough cards are left for each player to have another turn.
5. The player who collected the most cards wins.

EXAMPLE Ann turns over a 6 and a 7. She calls out 13. Joe turns over a 10 and a 4. He calls out 14. Joe has the greater sum so he takes all 4 cards.



Game Master 5

Name _____ Date _____ Time _____

Addition/Subtraction Facts Table **Game Master 5**

+/-	0	1	2	3	4	5	6	7	8	9
0	0	1	2	3	4	5	6	7	8	9
1	1	2	3	4	5	6	7	8	9	10
2	2	3	4	5	6	7	8	9	10	11
3	3	4	5	6	7	8	9	10	11	12
4	4	5	6	7	8	9	10	11	12	13
5	5	6	7	8	9	10	11	12	13	14
6	6	7	8	9	10	11	12	13	14	15
7	7	8	9	10	11	12	13	14	15	16
8	8	9	10	11	12	13	14	15	16	17
9	9	10	11	12	13	14	15	16	17	18

Use the Addition/Subtraction Facts Table at Grade 1.

Variations

- Players can toss a coin to determine whether the player with more cards or fewer cards is the winner.
- Each player turns over 3 cards and finds his or her sum.
- To break a tie, each player turns over 1 more card to add to his or her sum.

Advanced Version (recommended for Grades 4 and 5)

Players use the number cards 1–9. Each player turns over 4 cards, forms two 2-digit numbers, and finds the sum. Players should carefully consider how they form their numbers since different arrangements have different sums. For example, $74 + 52$ has a greater sum than $25 + 47$.

Name

Date

Time

Addition/Subtraction Facts Table

 Game
Master **5**


+, -	0	1	2	3	4	5	6	7	8	9
0	0	1	2	3	4	5	6	7	8	9
1	1	2	3	4	5	6	7	8	9	10
2	2	3	4	5	6	7	8	9	10	11
3	3	4	5	6	7	8	9	10	11	12
4	4	5	6	7	8	9	10	11	12	13
5	5	6	7	8	9	10	11	12	13	14
6	6	7	8	9	10	11	12	13	14	15
7	7	8	9	10	11	12	13	14	15	16
8	8	9	10	11	12	13	14	15	16	17
9	9	10	11	12	13	14	15	16	17	18