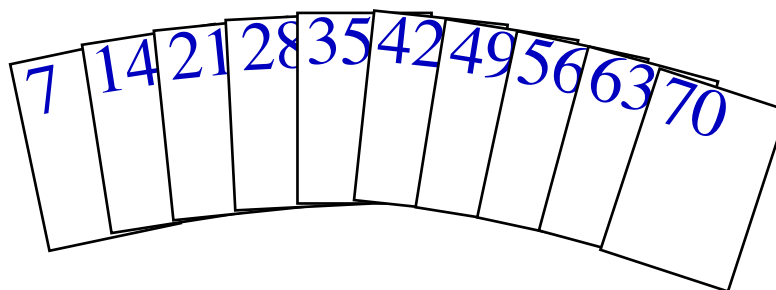
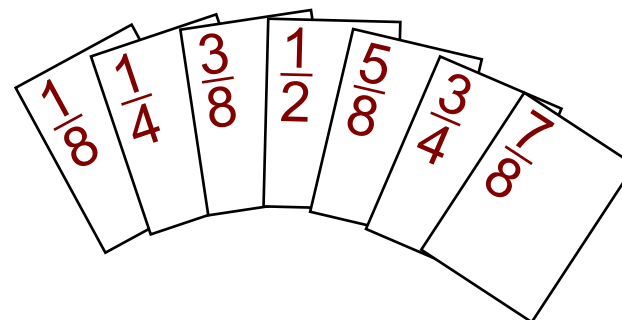
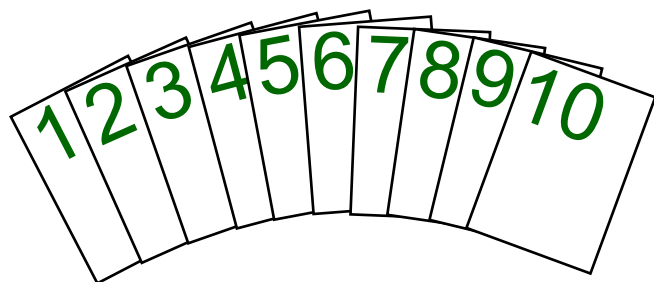
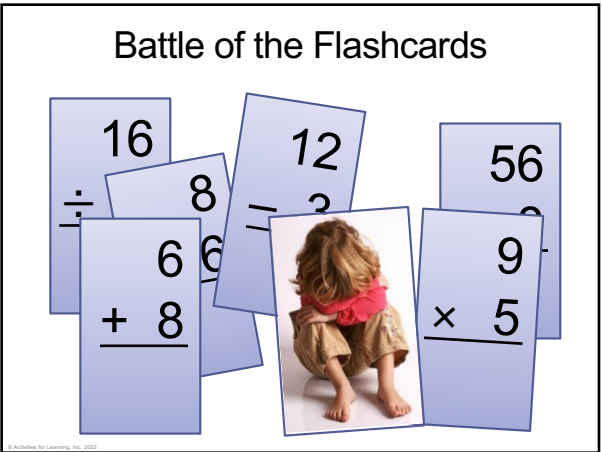
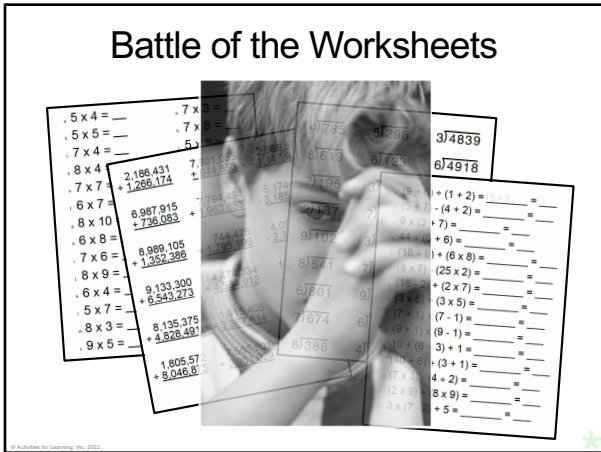


RightStart™ Math

Card Games



info@RightStartMath.com



Rote Memorization

Memorizing 390 math facts is daunting.

Sadly, whatever is learned by rote needs frequent review to stay learned.

© All in One for Learning, Inc. 2022

Games

$$\frac{\text{Games}}{\text{Math}} = \frac{\text{Books}}{\text{Reading}}$$

Games provide instant feedback.

Games provide interesting repetition needed for automatic responses in a social setting.

More importantly, games provide an application for the new information!

© All in One for Learning, Inc. 2022

Go to the Dump

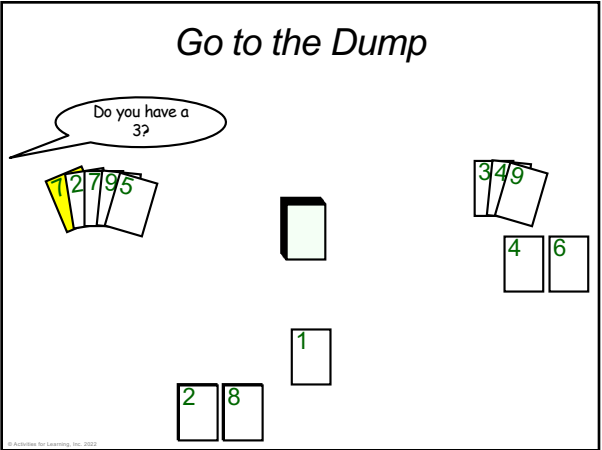
Objective: To learn and master the facts of 10.

Number of Players: 2 to 4.

Cards: Basic number cards from 1 to 9.

Goal: To collect the most pairs.

© All in One for Learning, Inc. 2022



Go to the Dump

Game app for your devices!



Go to Ten

© Additively for Learning, Inc. 2022

Go to the Dump with Elevens

Objective: To learn and master the facts of 11.

$$1 + 10$$

$$2 + 9$$

$$3 + 8$$

$$4 + 7$$

$$5 + 6$$

Play: Same as Go to the Dump.

© Additively for Learning, Inc. 2022

Go to the Dump with Nines

Objective: To learn and master the facts of 9.

$$1 + 8$$

$$2 + 7$$

$$3 + 6$$

$$4 + 5$$

Note: Make sure that the facts of 10 are solid before playing these variations.

© Additively for Learning, Inc. 2022

Short Chain Solitaire

Objective: To provide reinforcement of addition facts.

Goal: To build the following four chains:

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

© Additively for Learning, Inc. 2022

Short Chain Solitaire

A chain is composed of links.

Each link (after the first two) is formed by adding the previous two numbers, while disregarding any 1s in the tens place.

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

© Additively for Learning, Inc. 2022

Short Chain Solitaire

A chain is composed of links.

Each link (after the first two) is formed by adding the previous two numbers, while disregarding any 1s in the tens place.

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

© Additively for Learning, Inc. 2022

Short Chain Solitaire

Objective: To provide reinforcement of addition facts.

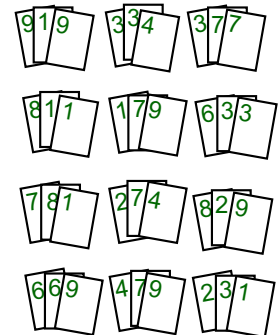
Goal: To build the four chains.

Cards: 36 specific cards.

Layout: Lay cards in fans of three.

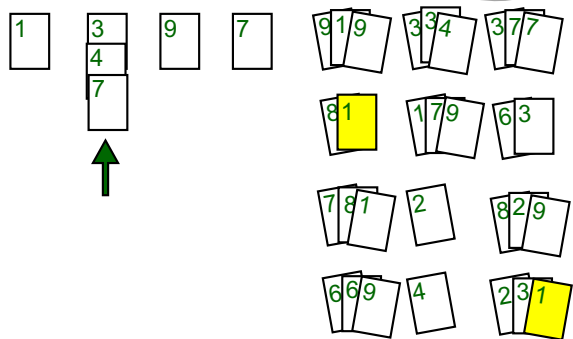
Short Chain Solitaire

1	3	9	7
8	4	2	6



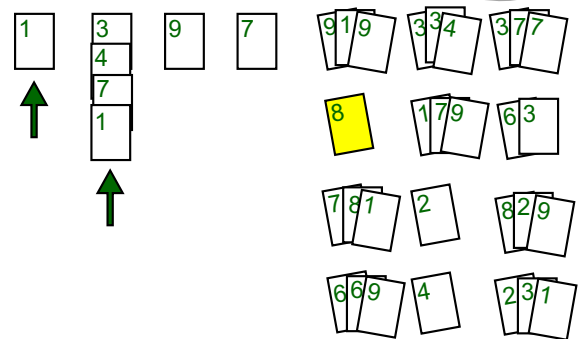
Short Chain Solitaire

1	3	9	7
8	4	2	6



Short Chain Solitaire

1	3	9	7
8	4	2	6



Short Chain Solitaire

- Cannot be won if an error is made.
- Using some strategy, a player can win about three-fourths of the time. Several players can work together to win.
- Best of all, these Chain Solitaire games provide hours of fun!
- Nine variations available.
- 97 of the 100 addition facts are used. Only $0 + 0$, $5 + 0$, and $5 + 5$ are omitted.

Short Chain Subtraction

Each link (after the first two) is formed by subtracting the previous two numbers, while assuming the 1 in the tens place is present when needed.

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

Corners™

Objective: To practice the facts that total 5, 10, 15, and 20.

To practice mental math.

Goal: To have the highest score.

Number of Players: From 2 to 6, however 3 or 4 work best.

Cards: Corner™ cards.



© All rights reserved by Learning, Inc. 2022

Corners™

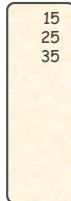
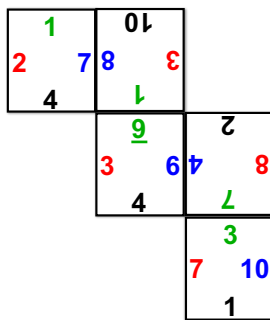
Rules:

- Match the colors.
- To score, sum must equal 5, 10, 15 or 20.
- Play on the last card played, or play to any corner.



© All rights reserved by Learning, Inc. 2022

Corners™



© All rights reserved by Learning, Inc. 2022

Top and Bottom Corners™

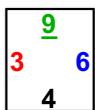
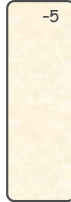
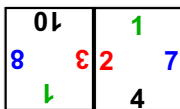
Objective: To practice scoring for positive and negative numbers.

Rules:

- Sums must equal 5, 10, 15 or 20.
- Tops and bottoms are positive numbers; sides are negative numbers.
- Corners will create both positive and negative numbers. Final result will vary depending on values.

© All rights reserved by Learning, Inc. 2022

Top and Bottom Corners™



© All rights reserved by Learning, Inc. 2022

Super Corners™

Objective: To practice the facts that total 5, 10, 15, and 20.

To practice multiplication.

Scoring: Same as for Corners.

However, corners scores are times 2, bay scores are times 3, and window scores are times 4!

New Rule: No need to put a card on the last card played.

© All rights reserved by Learning, Inc. 2022

Super Corners™

15
20

1	0
2	7
4	↓
↓	9
0	3
↓	6
↓	4

$20 \times 2 = 40$

© All rights reserved for Learning, Inc. 2022

Super Corners™

15
20
60
70
75
90
95
110

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

© All rights reserved for Learning, Inc. 2022

Super Corners™

App for your devices!

© All rights reserved for Learning, Inc. 2022

Super Corners™

App for your devices!

6	2
9	5
1	6
3	4
8	7

Super Corners

© All rights reserved for Learning, Inc. 2022

Short Multiplication Chart

1									
2	4								
3	6	9							
4	8	12	16						
5	10	15	20	25					
6	12	18	24	30	36				
7	14	21	28	35	42	49			
8	16	24	32	40	48	56	64		
9	18	27	36	45	54	63	72	81	
10	20	30	40	50	60	70	80	90	100

© All rights reserved for Learning, Inc. 2022

Short Multiplication Chart

1									
2	4								
3	6	9							
4	8	12	16						
5	10	15	20	25					
6	12	18	24	30	36				
7	14	21	28	35	42	49			
8	16	24	32	40	48	56	64		
9	18	27	36	45	54	63	72	81	
10	20	30	40	50	60	70	80	90	100

$6 \times 6 = 36$

© All rights reserved for Learning, Inc. 2022

Ring Around the Products

Objective: To review the multiplication facts.

Number of Players: Two to four.

Cards: Multiplication cards and a deck of basic number cards without the 0s.

Goal: To collect the most multiplication cards.

© All in One for Learning, Inc. 2022

Ring Around the Products

2	6	3	5	1
8	54	12	42	7
5	50	15	9	8
9	1	6	8	3

1
2 4
3 6 9
4 8 12 16
5 10 15 20 25
6 12 18 24 30 36
7 14 21 28 35 42 49
8 16 24 32 40 48 56 64
9 18 27 36 45 54 63 72 81
10 20 30 40 50 60 70 80 90 100

© All in One for Learning, Inc. 2022

Division War

Objective: To practice finding quotients quickly.

Number of Players: Two.

Cards: About 40 multiplication cards and an equal number of basic cards without the 0s.

Goal: To collect the most cards.

© All in One for Learning, Inc. 2022

Division War

Note: Division is **more** than the inverse of multiplication. The quick recognition of division facts is not sufficient.

When dividing by 6, you need to recognize that 48, as well as 49, 50, 51, 52, and 53 will give 8 as the quotient, however, all but 48 have a remainder.

© All in One for Learning, Inc. 2022

Division War

$40 \div 6 = 6$, with a remainder

40	6

36	4

1
2 4
3 6 9
4 8 12 16
5 10 15 20 25
6 12 18 24 30 36
7 14 21 28 35 42 49
8 16 24 32 40 48 56 64
9 18 27 36 45 54 63 72 81
10 20 30 40 50 60 70 80 90 100

© All in One for Learning, Inc. 2022

Division War

40	6

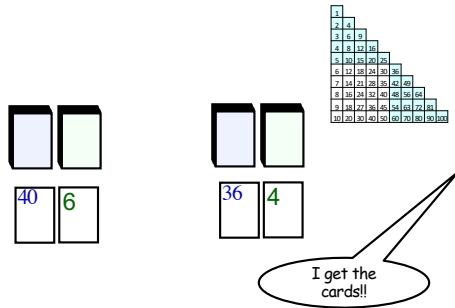
36	4

1
2 4
3 6 9
4 8 12 16
5 10 15 20 25
6 12 18 24 30 36
7 14 21 28 35 42 49
8 16 24 32 40 48 56 64
9 18 27 36 45 54 63 72 81
10 20 30 40 50 60 70 80 90 100

My quotient is 9.

© All in One for Learning, Inc. 2022

Division War



© Activities for Learning, Inc. 2022

Division War Variation

Rather than the person with the greater **quotient** taking all the cards, have the person with the greater **remainder** take all the cards.

© Activities for Learning, Inc. 2022

In Conclusion ...

- Games provide instant feedback.
- Games provide interesting repetition needed for automatic responses in a social setting.
- More importantly, games provide an application for the new information!

© Activities for Learning, Inc. 2022

In Conclusion ...

Our goal as a teacher of mathematics is to help our children transform, expand, and refine these beginning ideas into deeper mathematical thinking.

– Dr. Joan A. Cotter

© Activities for Learning, Inc. 2022