

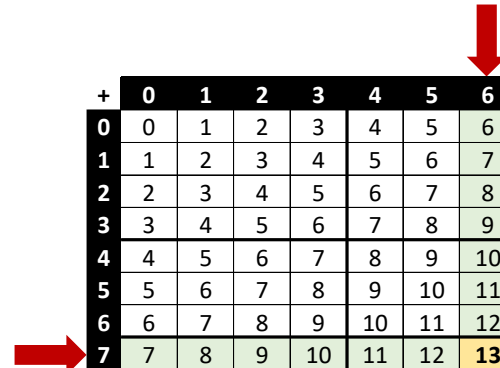
Addition Table Chart (0-12)

+	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12	13
2	2	3	4	5	6	7	8	9	10	11	12	13	14
3	3	4	5	6	7	8	9	10	11	12	13	14	15
4	4	5	6	7	8	9	10	11	12	13	14	15	16
5	5	6	7	8	9	10	11	12	13	14	15	16	17
6	6	7	8	9	10	11	12	13	14	15	16	17	18
7	7	8	9	10	11	12	13	14	15	16	17	18	19
8	8	9	10	11	12	13	14	15	16	17	18	19	20
9	9	10	11	12	13	14	15	16	17	18	19	20	21
10	10	11	12	13	14	15	16	17	18	19	20	21	22
11	11	12	13	14	15	16	17	18	19	20	21	22	23
12	12	13	14	15	16	17	18	19	20	21	22	23	24

How to Use the Addition Chart

Sum Lookup

- Find the augend along the top and the addend along the left side. The sum is at the intersection of the two.
- Example: $6 + 7 = 13$*



+	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12	13
2	2	3	4	5	6	7	8	9	10	11	12	13	14
3	3	4	5	6	7	8	9	10	11	12	13	14	15
4	4	5	6	7	8	9	10	11	12	13	14	15	16
5	5	6	7	8	9	10	11	12	13	14	15	16	17
6	6	7	8	9	10	11	12	13	14	15	16	17	18
7	7	8	9	10	11	12	13	14	15	16	17	18	19
8	8	9	10	11	12	13	14	15	16	17	18	19	20
9	9	10	11	12	13	14	15	16	17	18	19	20	21
10	10	11	12	13	14	15	16	17	18	19	20	21	22
11	11	12	13	14	15	16	17	18	19	20	21	22	23
12	12	13	14	15	16	17	18	19	20	21	22	23	24

Pattern Recognition

- Explore different numerical patterns to show addition properties.
- Example: $6 + 4$ and $3 + 7$ both = 10*

+	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12	13
2	2	3	4	5	6	7	8	9	10	11	12	13	14
3	3	4	5	6	7	8	9	10	11	12	13	14	15
4	4	5	6	7	8	9	10	11	12	13	14	15	16
5	5	6	7	8	9	10	11	12	13	14	15	16	17
6	6	7	8	9	10	11	12	13	14	15	16	17	18
7	7	8	9	10	11	12	13	14	15	16	17	18	19
8	8	9	10	11	12	13	14	15	16	17	18	19	20
9	9	10	11	12	13	14	15	16	17	18	19	20	21
10	10	11	12	13	14	15	16	17	18	19	20	21	22
11	11	12	13	14	15	16	17	18	19	20	21	22	23
12	12	13	14	15	16	17	18	19	20	21	22	23	24



Subtraction Table Chart (0-17)

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

How to Use the Subtraction Chart

Difference Lookup

- Find the minuend along the top and the subtrahend along the left side. The difference is at the intersection of the two.
- Example: $7 - 4 = 3$*

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

Pattern Recognition

- Explore different numerical patterns to show subtraction properties.
- Example:*
 $12 - 6$ and $11 - 5$ both equal 6

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