



ADDITION MATRIX

Name: _____

Use this matrix to easily calculate addition and subtraction sums that have answers up to 20.

The example below shows the calculation of $6 + 4 = 10$ and in reverse, $10 - 4 = 6$ or $10 - 6 = 4$.

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

See how quickly you can find answers to the following sums!

- | | | | |
|------------------|-------------------|------------------|-------------------|
| $4 + 9 =$ _____ | $18 - 9 =$ _____ | $14 - 7 =$ _____ | $17 - 9 =$ _____ |
| $5 + 14 =$ _____ | $4 + 13 =$ _____ | $16 - 8 =$ _____ | $10 + 7 =$ _____ |
| $6 + 9 =$ _____ | $10 + 8 =$ _____ | $14 + 6 =$ _____ | $20 - 10 =$ _____ |
| $3 + 6 =$ _____ | $5 + 9 =$ _____ | $13 - 9 =$ _____ | $11 + 7 =$ _____ |
| $13 - 9 =$ _____ | $5 + 15 =$ _____ | $13 + 7 =$ _____ | $7 - 3 =$ _____ |
| $12 - 6 =$ _____ | $9 + 7 =$ _____ | $19 - 9 =$ _____ | $16 - 9 =$ _____ |
| $1 + 17 =$ _____ | $10 + 10 =$ _____ | $12 - 4 =$ _____ | $0 + 20 =$ _____ |
| $5 + 6 =$ _____ | $3 + 11 =$ _____ | $4 + 8 =$ _____ | $10 + 8 =$ _____ |



Lower
Primary



Primary



Middle
Years



ADDITION MATRIX

Solutions

$4 + 9 = 13$

$18 - 9 = 9$

$14 - 7 = 7$

$17 - 9 = 8$

$5 + 14 = 19$

$4 + 13 = 17$

$16 - 8 = 8$

$10 + 7 = 17$

$6 + 9 = 15$

$10 + 8 = 18$

$14 + 6 = 20$

$20 - 10 = 10$

$3 + 6 = 9$

$5 + 9 = 14$

$13 - 9 = 4$

$11 + 7 = 18$

$13 - 9 = 4$

$5 + 15 = 20$

$13 + 7 = 20$

$7 - 3 = 4$

$12 - 6 = 6$

$9 + 7 = 16$

$19 - 9 = 10$

$16 - 9 = 7$

$1 + 17 = 18$

$10 + 10 = 20$

$12 - 4 = 8$

$0 + 20 = 20$

$5 + 6 = 11$

$3 + 11 = 14$

$4 + 8 = 12$

$10 + 8 = 18$



Lower
Primary



Primary



Middle
Years