

Root facts: addition

Adding to 0

Doubles

Bonds to 10

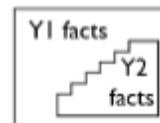
Adding 1

Adding 2

Adding 10

Near
doubles

Bridging/
compensation



+	0	1	2	3	4	5	6	7	8	9	10
0	0+0	0+1	0+2	0+3	0+4	0+5	0+6	0+7	0+8	0+9	0+10
1	1+0	1+1	1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+9	1+10
2	2+0	2+1	2+2	2+3	2+4	2+5	2+6	2+7	2+8	2+9	2+10
3	3+0	3+1	3+2	3+3	3+4	3+5	3+6	3+7	3+8	3+9	3+10
4	4+0	4+1	4+2	4+3	4+4	4+5	4+6	4+7	4+8	4+9	4+10
5	5+0	5+1	5+2	5+3	5+4	5+5	5+6	5+7	5+8	5+9	5+10
6	6+0	6+1	6+2	6+3	6+4	6+5	6+6	6+7	6+8	6+9	6+10
7	7+0	7+1	7+2	7+3	7+4	7+5	7+6	7+7	7+8	7+9	7+10
8	8+0	8+1	8+2	8+3	8+4	8+5	8+6	8+7	8+8	8+9	8+10
9	9+0	9+1	9+2	9+3	9+4	9+5	9+6	9+7	9+8	9+9	9+10
10	10+0	10+1	10+2	10+3	10+4	10+5	10+6	10+7	10+8	10+9	10+10

Group A: within ten, plus adding 10

- Adding 1 (e.g. $7 + 1$ and $1 + 7$)
- Doubles of numbers to 5 (e.g. $4 + 4$)
- Adding 2 (e.g. $4 + 2$ and $2 + 4$)
- Number bonds to 10 (e.g. $8 + 2$ and $2 + 8$)
- Adding 10 to a number (e.g. $5 + 10$ and $10 + 5$)
- Adding 0 to a number (e.g. $3 + 0$ and $0 + 3$)
- The ones without a family: $5 + 3$, $3 + 5$, $6 + 3$, $3 + 6$

Group B: bridging ten

- Double 6, 7, 8, and 9
- Other facts (initially) derived using one:
 - Near doubles: $8 + 9 = 8 + 8 + 1$
 - Bridging: $8 + 9 = 8 + 2 + 7$
 - Compensation $8 + 9 = 8 + 10 - 1$