

Practising these at home will help your child to solve problems more efficiently. They should work towards having a strong knowledge of various number facts (these are the addition facts that they should be confident with) and be able to recall these quickly (without using their fingers). Number fluency frees the mind to focus on more complex problems.

Adding 1 Bonds to 10 Adding 10 Bridging/compensating Y1 facts Y2 facts											
Adding 2 Adding 0 Doubles Near doubles											
+	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

A suggested progression for teaching addition facts

Group A: Year 1 (Within 10)

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

Group B: Year 2 (Bridging 10)

9. Doubles of numbers to 10 (e.g. $7 + 7$)
10. Near doubles (e.g. $5 + 6$ and $6 + 5$)
11. Bridging (e.g. $8 + 4$ and $4 + 8$)
12. Compensating

Can be used
somewhat
interchangeably

Alongside

Partitioning 2, 3, 4, 5, 6 and 10

Partitioning 7, 8 and 9

Partitioning 11 – 20 into
single digit addends