

Number Facts

Number facts are simple addition, subtraction, multiplication and division facts which are sometimes referred to as number bonds. Number facts are important for your child to learn because they form the building blocks for higher-level Maths skills. Knowing key number facts helps children become competent and confident mathematicians.

Year 1

Knowing the number facts on the outside of the grid by the end of Year 1 means children are well prepared for the transition to Year 2.

Adding 1

Bonds to 10

Adding 10

Bridging/compensating

Adding 2

Adding 0

Doubles

Near doubles

Y1 facts

Y2 facts

+	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

Year 2

In Year 2 children have 34 addition facts to learn (See the centre of the grid). They are the ones that bridge 10. Our aim for children is that they use known facts or derived fact strategies to quickly recall or derive each fact. Multiplication and division for the 2 and 5 times table are also introduced in Year 2.

Year 3

Added to the 2, 5 and 10 times tables, Year 3 children learn multiplication and division facts for the 3, 4 and 8 times tables.

They will also be taught that there is a connection between the 2, 4 and 8 times tables through doubling and halving, e.g. $2 \times 4 = 4$ so $4 \times 4 = 8$.

Year 4

The 6, 7, 9, 11 and 12 times tables are introduced to Year 4 students which finalises their multiplication and division knowledge.

Year 5 & 6

In the last two years of KS2, children reinforce their knowledge on the multiplication and division process and practise recalling the timetables to improve their memory.