These are all the addition facts children need to be recall quickly by the end of Year 2. Although your child is in Year 4, practising these on a regular basis will help support your child to embed these facts into their long term memory and support their recall skills.

Adding one	Doubles	Adding two	Bonds to 10	Adding 10	Adding 0	Near doubles	No family	Bridging 10
1+1	2+2	3+2	1+ =10	10+2	1+0	3+4	facts 5+3	3+9
	3+3			10+2	5+0	5+4	6+3	3+8
5+1		6+2	5+_=10	-		-		
3+1	4+4	7+2	6+=10	10+9	2+0	4+3	3+6	4+7
7+1	5+5	5+2	3+=10	10+7	4+0	4+5	3+5	4+8
2+1	6+6	4+2	2+=10	10+6	6+0	5+6		4+9
9+1	7+7	2+3	8+=10	10+5	9+0	6+5		5+7
4+1	8+8	2+6	10+=10	10+3	7+0	7+8		5+8
6+1	9+9	2+4	9+=10	10+8	3+0	8+7		5+9
1+2	10+!0	2+7	0+=10	10+1	8+0	9+8		6+8
1+5		5+2	4+=10	9+10	0+8	8+9		6+9
1+8			7+=10	3+10	0+3			7+4
1+3				8+10	0+1			7+5
1+6				4+10	0+2			7+9
1+7				5+10	0+5			8+3
1+4				2+10	0+4			8+4
				1+10	0+9			8+5
				6+10	0+7			8+6
				7+10	0+6			9+4
								9+5
								9+6
								9+7

Alongside the above facts, children also need to be able to solve these calculations with automaticity by the end of Year 2. They must also be able to solve the corresponding subtraction calculations. Children should continue to practise these in Year 4 to secure and maintain fluency.

Children also need to be able fluently recall their times tables by the end of Year 4. Pupils must also have automatic recall of the corresponding division facts. The 36 most important facts are highlighted in the table. Fluency in these facts should be prioritised because, when coupled with an understanding of commutativity and fluency in the formal written method for multiplication, they enable pupils to multiply any pair of numbers.

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

1 × 1	1 × 2	1 × 3	1 × 4	1 × 5	1×6	1 × 7	1 × 8	1×9	1 × 10	1 × 11	1 × 12
2 × 1	2 × 2	2 × 3	2 × 4	2 × 5	2×6	2 × 7	2 × 8	2×9	2 × 10	2 × 11	2 × 12
3 × 1	3 × 2	3×3	3 × 4	3 × 5	3×6	3 × 7	3 × 8	3×9	3 × 10	3 × 11	3 × 12
4 × 1	4 × 2	4 × 3	4 × 4	4 × 5	4×6	4 × 7	4 × 8	4×9	4 × 10	4 × 11	4 × 12
5 × 1	5 × 2	5×3	5×4	5 × 5	5×6	5 × 7	5 × 8	5×9	5 × 10	5 × 11	5 × 12
6 × 1	6 × 2	6×3	6 × 4	6×5	6×6	6 × 7	6 × 8	6×9	6 × 10	6 × 11	6 × 12
7 × 1	7 × 2	7×3	7 × 4	7×5	7×6	7×7	7 × 8	7×9	7 × 10	7 × 11	7 × 12
8 × 1	8 × 2	8×3	8 × 4	8×5	8×6	8×7	8 × 8	8×9	8 × 10	8 × 11	8 × 12
9×1	9×2	9×3	9×4	9×5	9×6	9×7	9×8	9×9	9 × 10	9 × 11	9 × 12
10 × 1	10 × 2	10 × 3	10 × 4	10 × 5	10 × 6	10 × 7	10 × 8	10 × 9	10 × 10	10 × 11	10 × 12
11 × 1	11 × 2	11 × 3	11 × 4	11 × 5	11 × 6	11 × 7	11 × 8	11 × 9	11 × 10	11 × 11	11 × 12
12 × 1	12 × 2	12 × 3	12 × 4	12 × 5	12 × 6	12 × 7	12 × 8	12 × 9	12 × 10	12 × 11	12 × 12

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