These are all facts children need to be able to quickly recall by the end of Year 1. (Highlighted calculations are those they need to know by the end of Year 2). Practising these on a regular basis will help support your child to embed these facts into their long term memory.

| Adding one | Doubles | Adding two | Bonds to 10 | Adding 10 | Adding 0 | Near doubles | No family facts | Bridging 10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1+1 | $2+2$ | 3+2 | $1+\ldots=10$ | 10+2 | 1+0 | 3+4 | 5+3 | 3+9 |
| 5+1 | $3+3$ | $6+2$ | $5+^{+}=10$ | 10+4 | $5+0$ | 5+4 | 6+3 | 3+8 |
| $3+1$ | 4+4 | 7+2 | $6+\ldots=10$ | 10+9 | $2+0$ | 4+3 | 3+6 | $4+7$ |
| 7+1 | $5+5$ | $5+2$ | $3+\ldots=10$ | 10+7 | 4+0 | 4+5 | $3+5$ | 4+8 |
| $2+1$ | 6+6 | 4+2 | $2+\ldots=10$ | 10+6 | 6+0 | 5+6 |  | 4+9 |
| 9+1 | 7+7 | 2+3 | $8+\ldots=10$ | 10+5 | 9+0 | 6+5 |  | $5+7$ |
| 4+1 | $8+8$ | 2+6 | $10+\ldots=10$ | 10+3 | $7+0$ | $7+8$ |  | $5+8$ |
| 6+1 | $9+9$ | $2+4$ | $9+\ldots=10$ | 10+8 | $3+0$ | 8+7 |  | $5+9$ |
| 1+2 | 10+!0 | 2+7 | $0+\ldots=10$ | 10+1 | $8+0$ | 9+8 |  | 6+8 |
| 1+5 |  | 5+2 | $4+\ldots=10$ | $9+10$ | 0+8 | 8+9 |  | 6+9 |
| 1+8 |  |  | $7+\ldots=10$ | $3+10$ | 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.

| $\boldsymbol{+}$ | $\mathbf{0}$ | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{0}$ | $0+0$ | $0+1$ | $0+2$ | $0+3$ | $0+4$ | $0+5$ | $0+6$ | $0+7$ | $0+8$ | $0+9$ | $0+10$ |
| $\mathbf{1}$ | $1+0$ | $1+1$ | $1+2$ | $1+3$ | $1+4$ | $1+5$ | $1+6$ | $1+7$ | $1+8$ | $1+9$ | $1+10$ |
| $\mathbf{2}$ | $2+0$ | $2+1$ | $2+2$ | $2+3$ | $2+4$ | $2+5$ | $2+6$ | $2+7$ | $2+8$ | $2+9$ | $2+10$ |
| $\mathbf{3}$ | $3+0$ | $3+1$ | $3+2$ | $3+3$ | $3+4$ | $3+5$ | $3+6$ | $3+7$ | $3+8$ | $3+9$ | $3+10$ |
| $\mathbf{4}$ | $4+0$ | $4+1$ | $4+2$ | $4+3$ | $4+4$ | $4+5$ | $4+6$ | $4+7$ | $4+8$ | $4+9$ | $4+10$ |
| $\mathbf{5}$ | $5+0$ | $5+1$ | $5+2$ | $5+3$ | $5+4$ | $5+5$ | $5+6$ | $5+7$ | $5+8$ | $5+9$ | $5+10$ |
| $\mathbf{6}$ | $6+0$ | $6+1$ | $6+2$ | $6+3$ | $6+4$ | $6+5$ | $6+6$ | $6+7$ | $6+8$ | $6+9$ | $6+10$ |
| $\mathbf{7}$ | $7+0$ | $7+1$ | $7+2$ | $7+3$ | $7+4$ | $7+5$ | $7+6$ | $7+7$ | $7+8$ | $7+9$ | $7+10$ |
| $\mathbf{8}$ | $8+0$ | $8+1$ | $8+2$ | $8+3$ | $8+4$ | $8+5$ | $8+6$ | $8+7$ | $8+8$ | $8+9$ | $8+10$ |
| $\mathbf{9}$ | $9+0$ | $9+1$ | $9+2$ | $9+3$ | $9+4$ | $9+5$ | $9+6$ | $9+7$ | $9+8$ | $9+9$ | $9+10$ |
| $\mathbf{1 0}$ | $10+0$ | $10+1$ | $10+2$ | $10+3$ | $10+4$ | $10+5$ | $10+6$ | $10+7$ | $10+8$ | $10+9$ | $10+10$ |

