Addition: Written Calculations


* Use expanded methods if necessary to support move to formal method

| 47 |
| ---: |
| +76 |
| $+70+7$ |
| $110+13$ |$\quad$ or $\quad$| 47 |
| ---: |
| $\frac{76}{13}$ |
| $\frac{110}{123}$ |



* Use expanded methods if necessary to support move to formal method

Multiplication: Written Calculations


[^0]
## Division: Written Calculations

| Year 3: Long and Short division (see below *) |  |
| :---: | :---: |
| $\text { 3) } \begin{array}{r} 32 \\ 96 \end{array}$ <br> $72 \div 3$ <br> Children should write key facts in a menu box. This will help them in identifying the largest group they can subtract in one chunk. | - Children will start to use short division with simple problems where each digit is a multiple of the divisor. |
| Year 4: Short division (see below *) |  |
| $98 \div 7$ $\begin{array}{r} 218 \\ 4 \longdiv { 8 7 ^ { 3 } 2 } \end{array}$ | - Children will continue to use short division to solve division problems. They will begin to work on remainders, including problems where there are remainders in the first numbers but not in the final answer. |
| Year 5: Short division - dividing by a one digit number (including decimals in context)* |  |
| $\sqrt[5]{83^{3} 2} \quad \frac{0663}{82 \div 5}+5$ | - Divide numbers up to 4 digits by a one-digit whole number using the formal written method of short division, and interpret $\dagger$ remainders according to the context |



* Use expanded methods if necessary to support move to formal method


[^0]:    * Continue to use grid method if necessary to support move to short multiplication

