Year 4 Written Methods of Calculation

ADDITION

SUBTRACTION | MULTIPLICATION

DIVISION

Written method used in addition calculations in Year 4 are outlined below.

Expanded Partitioning Method

$$879 + 45 = 924$$

$$800 + 70 + 9$$

$$40 + 5$$

$$800 + 110 + 14$$

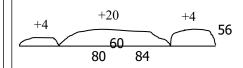
Vertical expanded Method of Addition

Standard Method of Column Addition

$$\begin{array}{r}
587 \\
+ 675 \\
\hline
1262 \\
\hline
11
\end{array}$$

Written method used in subtraction calculations in Year 4 are outlined below.

<u>Complimentary Addition</u> Using empty numberlines



$$84 - 56 = 28$$

Expanded Partitioning Method 643—98 = 545

<u>Standard Method of Subtraction</u> (<u>decomposition</u>)

For numbers which need to be subtracted but are close together, children would be encouraged to count on in their heads, maybe with jottings.

Written method used in multiplication calculations in Year 4 are outlined below.

Expanded method

Formal method 32

Written method used in division calculations in Year 4 are outlined below.

Remind children about using their times tables and about dividing by 10.

Written Division

$$78 \div 5$$

$$5)\frac{15}{7^28}$$

Remainder: 3