

Year 6—Written calculation policy

ADDITION

- Put each digit in a square.
- Use the correct column
- Any whole number



Formal Column method:

- Formal method with or without regrouping
- Strike through carry once included in answer.



$$\begin{array}{r} 1,312,462 \\ + \quad 2,349 \\ \hline 1,314,811 \\ \hline \end{array}$$

- Use these methods to add decimals up to 3 decimal places.
- Zero** can be added to blank columns to aid understanding as it doesn't change the value.

$$\begin{array}{r} 24.090 \\ + 7.137 \\ \hline 31.227 \\ \hline \end{array}$$

SUBTRACTION

- Put each digit in a square.
- Use the correct columns.
- Any whole number



Column Involving regrouping:

$$\begin{array}{r} 6,7102 \\ - \quad 468 \\ \hline 6,234 \\ \hline \end{array}$$

$$\begin{array}{r} 4546,712 \\ - 80,621 \\ \hline 466,091 \\ \hline \end{array}$$



- Use these methods to subtract decimals up to 3 decimal places
- Zero** can be added to blank columns to aid understanding as it doesn't change the value.

$$\begin{array}{r} 7.4514 \\ - 1.125 \\ \hline 6.379 \\ \hline \end{array}$$

MULTIPLICATION

- Put each digit in a square.
- Use the correct columns.
- Up to 4 digit numbers by 2 digit numbers



Long Multiplication

$$\begin{array}{r} 3256 \\ \times \quad 27 \\ \hline 22x7x9x2 \\ \hline 65x1x2x0 \\ \hline 87,912 \\ \hline \end{array}$$



- Use these methods to multiply decimals by one digit numbers

$$\begin{array}{r} £2.34 \\ \times \quad 8 \\ \hline £18.72 \\ \hline \end{array}$$



DIVISION

- Put each digit in a square.
- Up to 4 digit numbers by 2 digits numbers



Short division (up to divisor of 12)

$$\begin{array}{r} 0623 \text{ r } 6 \\ 12 \overline{) 7482} \end{array}$$

Expressed:

- in appropriate units e.g. 623 people 6 people left over
- or as a fraction e.g. $623\frac{6}{12}$ or $623\frac{1}{2}$
- or as a decimal e.g. 623.5

$$\begin{array}{r} 0623.5 \\ 12 \overline{) 7482.0} \end{array}$$

Long division

$$\begin{array}{r} 0357 \\ 19 \overline{) 6783} \\ \underline{57} \\ 108 \\ \underline{95} \\ 133 \\ \underline{133} \\ 000 \end{array}$$

9 6

Multiples Box

19
38
57
76
95
114
133
152
171
190

