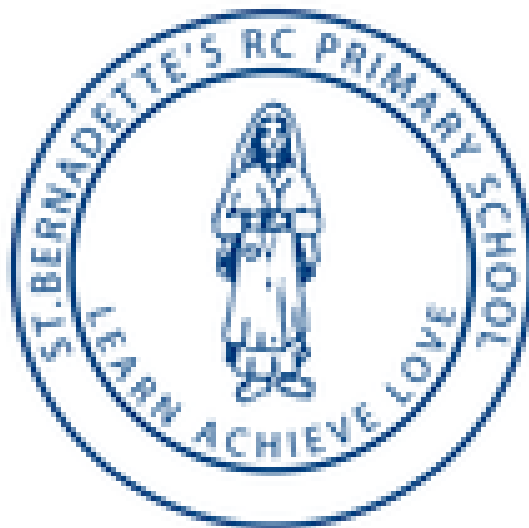


St Bernadette's RC Primary School

Calculation Methods

Year 4



Addition

A7: Column Addition

$$\begin{array}{r} \text{100} \quad \text{10} \quad \text{1} \\ 687 \\ + 248 \\ \hline 935 \\ \hline \text{1} \quad \text{1} \end{array}$$



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A7d: Column Addition

$$\begin{array}{r} 4873 \\ + 3762 \\ \hline 8635 \\ \hline \text{1} \quad \text{1} \end{array}$$



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A7j: Column Addition

With Decimals

$$73.4 + 5.67 = 79.07$$

$$\begin{array}{r}
 \begin{array}{c} 10 \quad 1 \quad = \quad \frac{1}{10} \quad \frac{1}{100} \end{array} \\
 73.4 \\
 + 5.67 \\
 \hline
 79.07 \\
 \hline
 \end{array}$$



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Subtraction

S11d: Column Subtraction

$$\begin{array}{r}
 \begin{array}{c} 4 \quad 1 \quad 9 \quad 13 \quad 1 \end{array} \\
 \cancel{5} \cancel{0} \cancel{4} 2 \\
 - 1776 \\
 \hline
 3266
 \end{array}$$



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Multiplication

M5a: Grid Method

Short Multiplication

$$43 \times 6 = 258$$

x	40	3
6	240	18

$$240 + 18 = 258$$



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M5b: Grid Method

Short Multiplication

$$147 \times 4 = 588$$

x	100	40	7
4	400	160	28

$$400 + 160 + 28 = 588$$



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Division

(D10: Short Division) Additional

$$72 \div 4 = 18$$

$$\begin{array}{r} 18 \\ 4 \overline{) 72} \end{array}$$



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D10: Short Division

$$136 \div 4 = 34$$

$$\begin{array}{r} 34 \\ 4 \overline{) 136} \end{array}$$



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D10c: Short Division

$$394 \div 6 = 65r4$$

$$\begin{array}{r} 65r4 \\ 6 \overline{) 394} \end{array}$$



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D10d: Short Division

$$591 \div 3 = 197$$

$$\begin{array}{r} 197 \\ 3 \overline{) 591} \end{array}$$



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