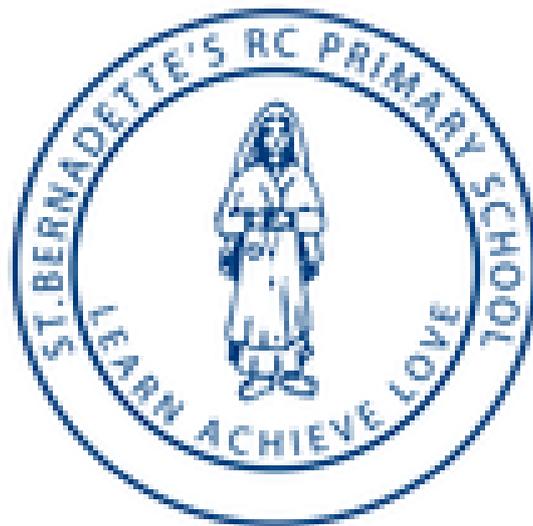


St Bernadette's RC Primary School

Calculation Methods

Year 4



Addition

A7: Column Addition

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



A7d: Column Addition

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



A7j: Column Addition

With Decimals

$$73.4 + 5.67 = 79.07$$

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



Subtraction

S11d: Column Subtraction

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



Multiplication

M5a: Grid Method

Short Multiplication

$$43 \times 6 = 258$$

| | | |
|---|-----|----|
| x | 40 | 3 |
| 6 | 240 | 18 |

$$240 + 18 = 258$$



St. Bernadette's R.C. Primary School

St. Bernadette's R.C. Primary School VCI* Expanded Edition 17 Series of Number 2014

Design: Graphic Design by Dave Goffey - www.senseofnumber.co.uk



M5b: Grid Method

Short Multiplication

$$147 \times 4 = 588$$

| | | | |
|---|-----|-----|----|
| x | 100 | 40 | 7 |
| 4 | 400 | 160 | 28 |

$$400 + 160 + 28 = 588$$



St. Bernadette's R.C. Primary School

St. Bernadette's R.C. Primary School VCI* Expanded Edition 17 Series of Number 2014

Design: Graphic Design by Dave Goffey - www.senseofnumber.co.uk



Division

(D10: Short Division) Additional

$$72 \div 4 = 18$$

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



St. Bernadette's R.C. Primary School

St. Bernadette's R.C. Primary School VCP Expanded Edition 2 Series of Number 2014

Bebola Graphs Design by Dave Goffey - www.senseofnumber.co.uk



D10: Short Division

$$136 \div 4 = 34$$

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



St. Bernadette's R.C. Primary School

St. Bernadette's R.C. Primary School VCP Expanded Edition 2 Series of Number 2014

Bebola Graphs Design by Dave Goffey - www.senseofnumber.co.uk



D10c: Short Division

$$394 \div 6 = 65r4$$

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



D10d: Short Division

$$591 \div 3 = 197$$

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

