

A7: ^{Expanded} Column Addition

$$\begin{array}{r}
 \text{H} \quad \text{T} \quad \text{U} \\
 78 \\
 + 46 \\
 \hline
 14 \\
 110 \\
 \hline
 124
 \end{array}
 \qquad
 \begin{array}{r}
 \text{H} \quad \text{T} \quad \text{U} \\
 248 \\
 + 647 \\
 \hline
 15 \\
 80 \\
 800 \\
 \hline
 895
 \end{array}$$

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A8: Column Addition

$$\begin{array}{r}
 \text{H} \quad \text{T} \quad \text{U} \\
 78 \\
 + 46 \\
 \hline
 124 \\
 1 \quad 1
 \end{array}
 \qquad
 \begin{array}{r}
 \text{H} \quad \text{T} \quad \text{U} \\
 248 \\
 + 687 \\
 \hline
 935 \\
 1 \quad 1
 \end{array}$$

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S9: Column Subtraction

$$\begin{array}{r}
 \text{T} \quad \text{U} \\
 78 \\
 - 46 \\
 \hline
 32
 \end{array}
 \qquad
 \begin{array}{r}
 \text{H} \quad \text{T} \quad \text{U} \\
 598 \\
 - 362 \\
 \hline
 236
 \end{array}$$

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S11: Decomposition

$$\begin{array}{r}
 \text{T} \quad \text{U} \\
 6 \cancel{7}^1 2 \\
 - 48 \\
 \hline
 24
 \end{array}
 \qquad
 \begin{array}{r}
 \text{H} \quad \text{T} \quad \text{U} \\
 4 \cancel{5}^1 5 \cancel{3}^1 \\
 - 278 \\
 \hline
 285
 \end{array}$$

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M4: Grid Method $\text{TU} \times \text{U}$

x	40	3	+	240
6	240	18		18

$$\begin{array}{r}
 240 \\
 + 18 \\
 \hline
 258
 \end{array}$$

$$43 \times 6 = 258$$

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M6: Compact Vertical

$$\begin{array}{r}
 \text{H} \quad \text{T} \quad \text{U} \\
 43 \\
 \times 6 \\
 \hline
 258 \\
 1
 \end{array}
 \qquad
 \begin{array}{r}
 \text{H} \quad \text{T} \quad \text{U} \\
 65 \\
 \times 7 \\
 \hline
 455 \\
 3
 \end{array}$$

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D9: Short Division

$$\begin{array}{r}
 197 \\
 3 \overline{) 591} \\
 \underline{3} \\
 29 \\
 \underline{27} \\
 21 \\
 \underline{21} \\
 0
 \end{array}$$

$$591 \div 3 = 197$$

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Written methods of calculation in addition, subtraction, multiplication and division used in Year 5.