



MATHS TARGETS YEAR 4

Good

Great

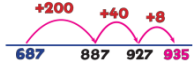
Super

Outstanding

Addition

A3c: Forwards Jump

$687 + 248 = 935$



A4c: Partitioning

$687 + 248 = 935$

$600 + 200 = 800$

$80 + 40 = 120$

$7 + 8 = 15$

935

A5c: Partition Jot

$687 + 248 = 935$

$800 + 120 + 15$

A6: Expanded Column

$$\begin{array}{r} 687 \\ + 248 \\ \hline 935 \end{array}$$

A7: Column Addition

$$\begin{array}{r} 687 \\ + 248 \\ \hline 935 \end{array}$$

A5d: Partition Jot

$4873 + 3762 = 8635$
 $7000 + 1500 + 130 + 5$

A7d: Column Addition

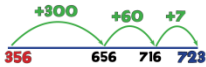
$$\begin{array}{r} 4873 \\ + 3762 \\ \hline 8635 \end{array}$$

A7e: Column Addition

$$\begin{array}{r} 787567 \\ + 446278 \\ \hline 1233845 \end{array}$$

Subtraction

S9c: 100s, 10s, 1s Jump



$723 - 356 = 367$

S10: Expanded Column

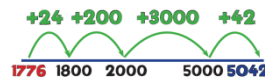
$723 - 356 = 367$

$$\begin{array}{r} 700 & 20 & 3 \\ - 300 & 50 & 6 \\ \hline 300 & 60 & 7 \end{array}$$

S11: Column Subtraction

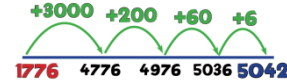
$$\begin{array}{r} 723 \\ - 356 \\ \hline 367 \end{array}$$

S8d: Quad Jump Extreme



$5042 - 1776 = 3266$

S9d: 1000s, 100s, 10s, 1s Jump



$5042 - 1776 = 3266$

S11d: Column Subtraction

$$\begin{array}{r} 5042 \\ - 1776 \\ \hline 3266 \end{array}$$

Multiplication

M5: Grid Method

$15 \times 5 = 75$

| | | |
|---|----|----|
| x | 10 | 5 |
| 5 | 50 | 25 |

$50 + 25 = 75$

(M6: Expanded Column)

$$\begin{array}{r} 15 \\ \times 5 \\ \hline 75 \end{array}$$

(M7: Column Multiplication)

$$\begin{array}{r} 15 \\ \times 5 \\ \hline 75 \end{array}$$

M5c: Grid Method

$43 \times 6 = 258$

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

$240 + 18 = 258$

(M6: Expanded Column)

$$\begin{array}{r} 43 \\ \times 6 \\ \hline 258 \end{array}$$

M6: Expanded Column

$$\begin{array}{r} 147 \\ \times 4 \\ \hline 588 \end{array}$$

M5b: Grid Method

$147 \times 4 = 588$

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

$400 + 160 + 28 = 588$

(M7: Column Multiplication)

$$\begin{array}{r} 43 \\ \times 6 \\ \hline 258 \end{array}$$

M7: Column Multiplication

$$\begin{array}{r} 147 \\ \times 4 \\ \hline 588 \end{array}$$

M7a: Column Multiplication

$$\begin{array}{r} 3647 \\ \times 4 \\ \hline 14588 \end{array}$$

Division

(D10: Short Division)

$65 \div 4 = 16r1$

$$4 \overline{) 65} \begin{array}{l} 16 \\ \underline{64} \\ 1 \end{array}$$

(D11: Chunking)

$$\begin{array}{r} 16r1 \\ 4 \overline{) 65} \\ \underline{40} \quad (4 \times 10) \\ 25 \\ \underline{24} \quad (4 \times 6) \\ 1 \end{array}$$

$65 \div 4 = 16r1$

D9: Mega Hunk!

$136 \div 4 = 34$

$$\begin{array}{r} \text{Mega Hunk!} \\ 120 \\ + \text{Chunk} \\ 16 \\ \hline 136 \\ \div 4 \\ \hline 30 + 4 = 34 \end{array}$$

D10: Short Division

$136 \div 4 = 34$

$$4 \overline{) 136}$$

D11: Chunking

$$\begin{array}{r} 34 \\ 4 \overline{) 136} \\ \underline{120} \quad (4 \times 30) \\ 16 \\ \underline{16} \quad (4 \times 4) \\ 0 \end{array}$$

$136 \div 4 = 34$

D11b: Chunking

$$\begin{array}{r} 34 \\ 4 \overline{) 136} \\ \underline{40} \quad (4 \times 10) \\ 96 \\ \underline{40} \quad (4 \times 10) \\ 56 \\ \underline{40} \quad (4 \times 10) \\ 16 \\ \underline{16} \quad (4 \times 4) \\ 0 \end{array}$$

$136 \div 4 = 34$

D9c: Mega Hunk!

$394 \div 6 = 65r4$

$$\begin{array}{r} \text{Mega Hunk!} \\ 360 \\ + \text{Chunk} \\ 34 \\ \hline 394 \\ \div 6 \\ \hline 60 + 5r4 = 65r4 \end{array}$$