

Addition

Steps 3, 4, 5, 6 from column methods

I can solve a 3 digit add a 2d $\longrightarrow$

$$\begin{array}{r} 442 \\ + 36 \\ \hline 478 \end{array}$$

I can solve any 3d add 2d $\longrightarrow$

$$\begin{array}{r} 547 \\ + 94 \\ \hline 641 \\ 11 \end{array}$$

I can solve a 3d add a 3d $\longrightarrow$

$$\begin{array}{r} 636 \\ + 242 \\ \hline 878 \end{array}$$

I can solve any 3d add 3d →

$$\begin{array}{r} 686 \\ + 549 \\ \hline 1235 \\ \hline 1 \quad 1 \end{array}$$

Steps 7, 8, 9, 10, 11 from column methods

I can solve any 4d add 2d or 3d →

$$\begin{array}{r} 6549 \\ + \quad 686 \\ \hline 7235 \\ \hline 1 \quad 1 \quad 1 \end{array}$$

I can solve any 4d add 4d →

$$\begin{array}{r} 8686 \\ + 6549 \\ \hline 15235 \\ \hline 1 \quad 1 \quad 1 \end{array}$$

I can use column addition for several numbers →

$$\begin{array}{r} 868 \\ 582 \\ + 654 \\ \hline 2104 \\ \hline 21 \end{array}$$

I can solve any 5d add 5d →

$$\begin{array}{r} 81686 \\ + 66549 \\ \hline 148235 \\ \hline 111 \end{array}$$

I can add numbers with 1dp →

$$\begin{array}{r} 18.7 \\ + 56.4 \\ \hline 75.1 \\ \hline 11 \end{array}$$

Subtraction

Steps 3-5 from column methods

I can solve a 3d-2d



$$\begin{array}{r} 986 \\ - 42 \\ \hline 944 \end{array}$$

I can solve any 3d-2d



$$\begin{array}{r} \overset{2}{\cancel{8}}\overset{1}{\cancel{1}}\overset{1}{\cancel{7}}1 \\ - 82 \\ \hline 849 \end{array}$$

I can solve any 3d – 3d



$$\begin{array}{r} \overset{7}{\cancel{8}}\overset{1}{\cancel{4}}\overset{1}{\cancel{7}}5 \\ - 596 \\ \hline 389 \end{array}$$

Steps 6-9 from column methods

I can solve any 4d – 2d or 3d →

$$\begin{array}{r} \cancel{4} \cancel{7} \cancel{8} | 6 \\ 749 \\ \hline 4937 \end{array}$$

I can solve any 4d – 4d →

$$\begin{array}{r} \cancel{4} \cancel{7} \cancel{8} | 6 \\ 4749 \\ \hline 937 \end{array}$$

I can solve any 5d – 5d →

$$\begin{array}{r} 9 \cancel{4} \cancel{7} \cancel{8} | 6 \\ 54749 \\ \hline 40937 \end{array}$$

I can subtract numbers with 1dp →

$$\begin{array}{r} \cancel{7} \cancel{8} . 16 \\ 4 . 9 \\ \hline 3 . 7 \end{array}$$

Multiplication

Steps 1-6 from column methods book

I can solve a 2d x 1d →

$$\begin{array}{r} 35 \\ \times 5 \\ \hline 175 \\ \hline \end{array}$$

2

I can solve any 2d x 1d →

$$\begin{array}{r} 85 \\ \times 6 \\ \hline 510 \\ \hline \end{array}$$

3

I can solve any 3d x 1d →

$$\begin{array}{r} 385 \\ \times 6 \\ \hline 2310 \\ \hline \end{array}$$

5 3

I can solve 2d x 2d $\longrightarrow$

$$\begin{array}{r}
 ^3 \\
 85 \\
 \times 16 \\
 \hline
 510 \\
 850 \\
 \hline
 1360
 \end{array}$$

I can solve any 3d x 2d $\longrightarrow$

$$\begin{array}{r}
 ^5 ^3 \\
 485 \\
 \times 16 \\
 \hline
 2910 \\
 4850 \\
 \hline
 7760 \\
 ^1
 \end{array}$$

I can solve any 4d x 1d $\longrightarrow$

$$\begin{array}{r}
 ^3 ^1 \\
 8152 \\
 \times 6 \\
 \hline
 48912
 \end{array}$$

I can solve any 1 digit 1dp by 1d $\longrightarrow$

$$\begin{array}{r}
 ^2 \\
 5.6 \\
 \times 4 \\
 \hline
 22.4
 \end{array}$$

Division

Steps 1-4 from column method book

I can solve a 2d divided by 1d-no remainders in questions

$$\longrightarrow \begin{array}{r} 23 \\ 3 \overline{) 69} \end{array}$$

I can solve a 2d divided by 1d-no remainders in answer

$$\longrightarrow \begin{array}{r} 27 \\ 3 \overline{) 81} \end{array}$$

I can solve a 2d divided by 1d using any table-no remainders in answer

$$\longrightarrow \begin{array}{r} 14 \\ 6 \overline{) 84} \end{array}$$

I can solve a 3d divided by 1d –no remainders in answer

$$\longrightarrow \begin{array}{r} 042 \\ 7 \overline{) 294} \end{array}$$

Steps 5 -10 from column method book

I can solve a 4d divided by a 1d-no remainders in answer

$$\longrightarrow \begin{array}{r} 0406 \\ 9 \overline{) 3654} \end{array}$$

I can solve any 2d divided by 1d with remainders

$$\longrightarrow \begin{array}{r} 083 \text{ r } 5 \\ 6 \overline{) 503} \end{array}$$

I can solve any 4d divided by 1d

—————→

$$\begin{array}{r} 666 \text{ r}4 \\ 6 \overline{) 4000} \\ \underline{4000} \end{array}$$

I can solve any 3d divided by 1d

—————→

$$\begin{array}{r} 28 \text{ r}1 \\ 23 \overline{) 645} \\ \underline{46} \\ 185 \\ \underline{184} \\ 1 \end{array}$$

