

縦書きの加減

1

一般に、
タテ書きの形を
筆算と呼ぶことが
多い。

	3	2	1
+	4	5	6
	7	7	7

	2	0	4
+		3	5
	2	3	9

しかし、これを

$321+456$ のように、

横書きにしたからと言って、必ずしも

暗算ともいえない。

完全な筆算と
完全な暗算のあいだに
色々のレベルの計算がある。

$$\begin{array}{r} 40 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ + 50 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ + 40 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ + 60 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 40 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ + 70 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 70 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 90 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 200 \\ + 100 \\ \hline \end{array}$$

$$\begin{array}{r} 120 \\ + 100 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ + 60 \\ \hline \end{array}$$

$$\begin{array}{r} 300 \\ - 100 \\ \hline \end{array}$$

$$\begin{array}{r} 315 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 40 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 70 \\ \hline \end{array}$$

$$\begin{array}{r} 300 \\ + 100 \\ \hline \end{array}$$

$$\begin{array}{r} 520 \\ + 100 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ + 70 \\ \hline \end{array}$$

$$\begin{array}{r} 600 \\ - 100 \\ \hline \end{array}$$

$$\begin{array}{r} 355 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ + 50 \\ \hline \end{array}$$

$$\begin{array}{r} 432 \\ + 111 \\ \hline \end{array}$$

$$\begin{array}{r} 543 \\ + 111 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 654 \\ - 111 \\ \hline \end{array}$$

$$\begin{array}{r} 355 \\ - 225 \\ \hline \end{array}$$

$$\begin{array}{r} + \\ \hline 40 \\ 30 \\ \hline 70 \end{array}$$

$$\begin{array}{r} - \\ \hline 100 \\ 60 \\ \hline 40 \end{array}$$

$$\begin{array}{r} + \\ \hline 200 \\ 100 \\ \hline 300 \end{array}$$

$$\begin{array}{r} + \\ \hline 120 \\ 100 \\ \hline 320 \end{array}$$

$$\begin{array}{r} - \\ \hline 70 \\ 30 \\ \hline 40 \end{array}$$

$$\begin{array}{r} + \\ \hline 100 \\ 60 \\ \hline 160 \end{array}$$

$$\begin{array}{r} - \\ \hline 300 \\ 100 \\ \hline 200 \end{array}$$

$$\begin{array}{r} - \\ \hline 315 \\ 15 \\ \hline 300 \end{array}$$

$$\begin{array}{r} + \\ \hline 40 \\ 40 \\ \hline 80 \end{array}$$

$$\begin{array}{r} - \\ \hline 100 \\ 70 \\ \hline 30 \end{array}$$

$$\begin{array}{r} + \\ \hline 300 \\ 100 \\ \hline 400 \end{array}$$

$$\begin{array}{r} + \\ \hline 520 \\ 100 \\ \hline 620 \end{array}$$

$$\begin{array}{r} - \\ \hline 70 \\ 50 \\ \hline 20 \end{array}$$

$$\begin{array}{r} + \\ \hline 100 \\ 70 \\ \hline 170 \end{array}$$

$$\begin{array}{r} - \\ \hline 600 \\ 100 \\ \hline 500 \end{array}$$

$$\begin{array}{r} - \\ \hline 355 \\ 25 \\ \hline 330 \end{array}$$

$$\begin{array}{r} - \\ \hline 40 \\ 30 \\ \hline 10 \end{array}$$

$$\begin{array}{r} + \\ \hline 100 \\ 50 \\ \hline 150 \end{array}$$

$$\begin{array}{r} + \\ \hline 432 \\ 111 \\ \hline 543 \end{array}$$

$$\begin{array}{r} + \\ \hline 543 \\ 111 \\ \hline 654 \end{array}$$

$$\begin{array}{r} - \\ \hline 70 \\ 30 \\ \hline 40 \end{array}$$

$$\begin{array}{r} - \\ \hline 100 \\ 30 \\ \hline 70 \end{array}$$

$$\begin{array}{r} - \\ \hline 654 \\ 111 \\ \hline 543 \end{array}$$

$$\begin{array}{r} - \\ \hline 355 \\ 225 \\ \hline 130 \end{array}$$

$$\begin{array}{r} 200 \\ + 100 \\ \hline \end{array}$$

$$\begin{array}{r} 220 \\ + 100 \\ \hline \end{array}$$

$$\begin{array}{r} 700 \\ + 200 \\ \hline \end{array}$$

$$\begin{array}{r} 720 \\ + 300 \\ \hline \end{array}$$

$$\begin{array}{r} 200 \\ - 100 \\ \hline \end{array}$$

$$\begin{array}{r} 325 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 900 \\ - 200 \\ \hline \end{array}$$

$$\begin{array}{r} 395 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 300 \\ + 100 \\ \hline \end{array}$$

$$\begin{array}{r} 320 \\ + 100 \\ \hline \end{array}$$

$$\begin{array}{r} 700 \\ + 300 \\ \hline \end{array}$$

$$\begin{array}{r} 700 \\ + 320 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ - 100 \\ \hline \end{array}$$

$$\begin{array}{r} 335 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 900 \\ - 100 \\ \hline \end{array}$$

$$\begin{array}{r} 385 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ + 100 \\ \hline \end{array}$$

$$\begin{array}{r} 420 \\ + 100 \\ \hline \end{array}$$

$$\begin{array}{r} 900 \\ + 100 \\ \hline \end{array}$$

$$\begin{array}{r} 920 \\ + 100 \\ \hline \end{array}$$

$$\begin{array}{r} 500 \\ - 100 \\ \hline \end{array}$$

$$\begin{array}{r} 345 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 1000 \\ - 100 \\ \hline \end{array}$$

$$\begin{array}{r} 395 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 200 \\ + 100 \\ \hline 300 \end{array}$$

$$\begin{array}{r} 220 \\ + 100 \\ \hline 320 \end{array}$$

$$\begin{array}{r} 700 \\ + 200 \\ \hline 900 \end{array}$$

$$\begin{array}{r} 720 \\ + 300 \\ \hline 1020 \end{array}$$

$$\begin{array}{r} 200 \\ - 100 \\ \hline 100 \end{array}$$

$$\begin{array}{r} 325 \\ - 15 \\ \hline 310 \end{array}$$

$$\begin{array}{r} 900 \\ - 200 \\ \hline 700 \end{array}$$

$$\begin{array}{r} 395 \\ - 25 \\ \hline 370 \end{array}$$

$$\begin{array}{r} 300 \\ + 100 \\ \hline 400 \end{array}$$

$$\begin{array}{r} 320 \\ + 100 \\ \hline 420 \end{array}$$

$$\begin{array}{r} 700 \\ + 300 \\ \hline 1000 \end{array}$$

$$\begin{array}{r} 700 \\ + 320 \\ \hline 1020 \end{array}$$

$$\begin{array}{r} 400 \\ - 100 \\ \hline 300 \end{array}$$

$$\begin{array}{r} 335 \\ - 25 \\ \hline 310 \end{array}$$

$$\begin{array}{r} 900 \\ - 100 \\ \hline \end{array}$$

$$\begin{array}{r} 385 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ + 100 \\ \hline 500 \end{array}$$

$$\begin{array}{r} 420 \\ + 100 \\ \hline 520 \end{array}$$

$$\begin{array}{r} 900 \\ + 100 \\ \hline 1000 \end{array}$$

$$\begin{array}{r} 920 \\ + 100 \\ \hline 1020 \end{array}$$

$$\begin{array}{r} 500 \\ - 100 \\ \hline 400 \end{array}$$

$$\begin{array}{r} 345 \\ - 25 \\ \hline 320 \end{array}$$

$$\begin{array}{r} 1000 \\ - 100 \\ \hline 900 \end{array}$$

$$\begin{array}{r} 395 \\ - 25 \\ \hline 370 \end{array}$$

$$\begin{array}{r} 4 \ 3 \ 2 \\ + 5 \ 5 \ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \ 3 \ 4 \\ + 5 \ 5 \ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \ 4 \ 3 \\ + 2 \ 3 \ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \ 4 \ 5 \\ + 4 \ 3 \ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \ 7 \ 6 \\ - 6 \ 4 \ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \ 9 \ 7 \\ - 3 \ 0 \ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \ 7 \ 8 \\ - 6 \ 3 \ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \ 9 \ 7 \\ - 4 \ 6 \ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \ 3 \ 2 \\ + 5 \ 6 \ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \ 3 \ 4 \\ + 5 \ 4 \ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \ 4 \ 3 \\ + 2 \ 3 \ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \ 4 \ 5 \\ + 6 \ 2 \ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \ 7 \ 6 \\ - 3 \ 4 \ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \ 9 \ 7 \\ - 3 \ 0 \ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \ 7 \ 8 \\ 7 - 3 \ 4 \ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \ 7 \ 9 \\ - 3 \ 6 \ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \ 3 \ 2 \\ + 3 \ 4 \ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \ 3 \ 4 \\ + 3 \ 4 \ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \ 6 \ 5 \\ + 4 \ 3 \ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \ 5 \ 3 \\ + 3 \ 4 \ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \ 7 \ 6 \\ - 6 \ 3 \ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \ 9 \ 7 \\ - 4 \ 0 \ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \ 5 \ 7 \\ - 3 \ 2 \ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \ 5 \ 9 \\ - 3 \ 1 \ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4\ 3\ 2 \\ +\ 5\ 5\ 5 \\ \hline 9\ 8\ 7 \end{array}$$

$$\begin{array}{r} 2\ 3\ 4 \\ +\ 5\ 5\ 5 \\ \hline 7\ 8\ 9 \end{array}$$

$$\begin{array}{r} 5\ 4\ 3 \\ +\ 2\ 3\ 5 \\ \hline 7\ 7\ 8 \end{array}$$

$$\begin{array}{r} 3\ 4\ 5 \\ +\ 4\ 3\ 2 \\ \hline 7\ 7\ 7 \end{array}$$

$$\begin{array}{r} 9\ 7\ 6 \\ -\ 6\ 4\ 6 \\ \hline 3\ 3\ 0 \end{array}$$

$$\begin{array}{r} 7\ 9\ 7 \\ -\ 3\ 0\ 3 \\ \hline 4\ 9\ 4 \end{array}$$

$$\begin{array}{r} 9\ 7\ 8 \\ -\ 6\ 3\ 6 \\ \hline 3\ 4\ 2 \end{array}$$

$$\begin{array}{r} 7\ 9\ 7 \\ -\ 4\ 6\ 4 \\ \hline 3\ 3\ 3 \end{array}$$

$$\begin{array}{r} 4\ 3\ 2 \\ +\ 5\ 6\ 5 \\ \hline 9\ 9\ 7 \end{array}$$

$$\begin{array}{r} 2\ 3\ 4 \\ +\ 5\ 4\ 5 \\ \hline 7\ 7\ 9 \end{array}$$

$$\begin{array}{r} 5\ 4\ 3 \\ +\ 2\ 3\ 6 \\ \hline 7\ 7\ 9 \end{array}$$

$$\begin{array}{r} 3\ 4\ 5 \\ +\ 6\ 2\ 2 \\ \hline 9\ 6\ 7 \end{array}$$

$$\begin{array}{r} 9\ 7\ 6 \\ -\ 3\ 4\ 6 \\ \hline 6\ 3\ 0 \end{array}$$

$$\begin{array}{r} 7\ 9\ 7 \\ -\ 3\ 0\ 4 \\ \hline 4\ 9\ 3 \end{array}$$

$$\begin{array}{r} 9\ 7\ 8 \\ -\ 3\ 4\ 6 \\ \hline 6\ 3\ 2 \end{array}$$

$$\begin{array}{r} 9\ 7\ 9 \\ -\ 3\ 6\ 4 \\ \hline 6\ 1\ 5 \end{array}$$

$$\begin{array}{r} 4\ 3\ 2 \\ +\ 3\ 4\ 5 \\ \hline 7\ 7\ 7 \end{array}$$

$$\begin{array}{r} 2\ 3\ 4 \\ +\ 3\ 4\ 5 \\ \hline 5\ 7\ 9 \end{array}$$

$$\begin{array}{r} 3\ 6\ 5 \\ +\ 4\ 3\ 2 \\ \hline 7\ 9\ 7 \end{array}$$

$$\begin{array}{r} 6\ 5\ 3 \\ +\ 3\ 4\ 4 \\ \hline 9\ 9\ 7 \end{array}$$

$$\begin{array}{r} 9\ 7\ 6 \\ -\ 6\ 3\ 6 \\ \hline 3\ 4\ 0 \end{array}$$

$$\begin{array}{r} 7\ 9\ 7 \\ -\ 4\ 0\ 4 \\ \hline 3\ 9\ 3 \end{array}$$

$$\begin{array}{r} 9\ 5\ 7 \\ -\ 3\ 2\ 4 \\ \hline 6\ 3\ 3 \end{array}$$

$$\begin{array}{r} 7\ 5\ 9 \\ -\ 3\ 1\ 6 \\ \hline 4\ 4\ 3 \end{array}$$

$$\begin{array}{r} 653 \\ + 334 \\ \hline \end{array}$$

$$\begin{array}{r} 436 \\ + 343 \\ \hline \end{array}$$

$$\begin{array}{r} 543 \\ + 205 \\ \hline \end{array}$$

$$\begin{array}{r} 345 \\ + 430 \\ \hline \end{array}$$

$$\begin{array}{r} 957 \\ - 333 \\ \hline \end{array}$$

$$\begin{array}{r} 797 \\ - 334 \\ \hline \end{array}$$

$$\begin{array}{r} 978 \\ - 606 \\ \hline \end{array}$$

$$\begin{array}{r} 797 \\ - 404 \\ \hline \end{array}$$

$$\begin{array}{r} 456 \\ + 343 \\ \hline \end{array}$$

$$\begin{array}{r} 463 \\ + 334 \\ \hline \end{array}$$

$$\begin{array}{r} 503 \\ + 236 \\ \hline \end{array}$$

$$\begin{array}{r} 305 \\ + 622 \\ \hline \end{array}$$

$$\begin{array}{r} 759 \\ - 443 \\ \hline \end{array}$$

$$\begin{array}{r} 977 \\ - 334 \\ \hline \end{array}$$

$$\begin{array}{r} 978 \\ 7-306 \\ \hline \end{array}$$

$$\begin{array}{r} 979 \\ - 360 \\ \hline \end{array}$$

$$\begin{array}{r} 354 \\ + 623 \\ \hline \end{array}$$

$$\begin{array}{r} 643 \\ + 334 \\ \hline \end{array}$$

$$\begin{array}{r} 365 \\ + 402 \\ \hline \end{array}$$

$$\begin{array}{r} 653 \\ + 340 \\ \hline \end{array}$$

$$\begin{array}{r} 759 \\ - 326 \\ \hline \end{array}$$

$$\begin{array}{r} 979 \\ - 346 \\ \hline \end{array}$$

$$\begin{array}{r} 957 \\ - 320 \\ \hline \end{array}$$

$$\begin{array}{r} 759 \\ - 306 \\ \hline \end{array}$$

$$\begin{array}{r} 653 \\ + 334 \\ \hline 987 \end{array}$$

$$\begin{array}{r} 436 \\ + 343 \\ \hline 779 \end{array}$$

$$\begin{array}{r} 543 \\ + 205 \\ \hline 748 \end{array}$$

$$\begin{array}{r} 345 \\ + 430 \\ \hline 775 \end{array}$$

$$\begin{array}{r} 957 \\ - 333 \\ \hline 624 \end{array}$$

$$\begin{array}{r} 797 \\ - 334 \\ \hline 463 \end{array}$$

$$\begin{array}{r} 978 \\ - 606 \\ \hline 372 \end{array}$$

$$\begin{array}{r} 797 \\ - 404 \\ \hline 393 \end{array}$$

$$\begin{array}{r} 456 \\ + 343 \\ \hline 799 \end{array}$$

$$\begin{array}{r} 463 \\ + 334 \\ \hline 797 \end{array}$$

$$\begin{array}{r} 503 \\ + 236 \\ \hline 739 \end{array}$$

$$\begin{array}{r} 305 \\ + 622 \\ \hline 927 \end{array}$$

$$\begin{array}{r} 759 \\ - 443 \\ \hline 316 \end{array}$$

$$\begin{array}{r} 977 \\ - 334 \\ \hline 643 \end{array}$$

$$\begin{array}{r} 978 \\ - 306 \\ \hline 672 \end{array}$$

$$\begin{array}{r} 979 \\ - 360 \\ \hline 619 \end{array}$$

$$\begin{array}{r} 354 \\ + 623 \\ \hline 977 \end{array}$$

$$\begin{array}{r} 643 \\ + 334 \\ \hline 977 \end{array}$$

$$\begin{array}{r} 365 \\ + 402 \\ \hline 767 \end{array}$$

$$\begin{array}{r} 653 \\ + 340 \\ \hline 993 \end{array}$$

$$\begin{array}{r} 759 \\ - 326 \\ \hline 433 \end{array}$$

$$\begin{array}{r} 979 \\ - 346 \\ \hline 633 \end{array}$$

$$\begin{array}{r} 957 \\ - 320 \\ \hline 637 \end{array}$$

$$\begin{array}{r} 759 \\ - 306 \\ \hline 453 \end{array}$$