



Addition without regrouping

Add. No column makes 10.

1.	$\begin{array}{r} 100 \\ + 455 \\ \hline 555 \end{array}$	2.	$\begin{array}{r} 481 \\ + 310 \\ \hline 791 \end{array}$	3.	$\begin{array}{r} 314 \\ + 564 \\ \hline 878 \end{array}$	4.	$\begin{array}{r} 240 \\ + 642 \\ \hline 882 \end{array}$	5.	$\begin{array}{r} 235 \\ + 300 \\ \hline 535 \end{array}$
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6.	$\begin{array}{r} 476 \\ + 521 \\ \hline 997 \end{array}$	7.	$\begin{array}{r} 624 \\ + 340 \\ \hline 964 \end{array}$	8.	$\begin{array}{r} 531 \\ + 357 \\ \hline 888 \end{array}$	9.	$\begin{array}{r} 102 \\ + 314 \\ \hline 416 \end{array}$	10.	$\begin{array}{r} 522 \\ + 415 \\ \hline 937 \end{array}$
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11.	$\begin{array}{r} 531 \\ + 260 \\ \hline 791 \end{array}$	12.	$\begin{array}{r} 811 \\ + 115 \\ \hline 926 \end{array}$	13.	$\begin{array}{r} 201 \\ + 711 \\ \hline 912 \end{array}$	14.	$\begin{array}{r} 310 \\ + 618 \\ \hline 928 \end{array}$	15.	$\begin{array}{r} 632 \\ + 354 \\ \hline 986 \end{array}$
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16.	$\begin{array}{r} 654 \\ + 331 \\ \hline 985 \end{array}$	17.	$\begin{array}{r} 237 \\ + 411 \\ \hline 648 \end{array}$	18.	$\begin{array}{r} 563 \\ + 126 \\ \hline 689 \end{array}$	19.	$\begin{array}{r} 474 \\ + 313 \\ \hline 787 \end{array}$	20.	$\begin{array}{r} 429 \\ + 240 \\ \hline 669 \end{array}$
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Addition with regrouping

Add. Regroup when a column makes 10 or more.

1.	$\begin{array}{r} 477 \\ + 288 \\ \hline 765 \end{array}$	2.	$\begin{array}{r} 278 \\ + 477 \\ \hline 755 \end{array}$	3.	$\begin{array}{r} 397 \\ + 583 \\ \hline 980 \end{array}$	4.	$\begin{array}{r} 354 \\ + 284 \\ \hline 638 \end{array}$	5.	$\begin{array}{r} 489 \\ + 371 \\ \hline 860 \end{array}$
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6.	$\begin{array}{r} 340 \\ + 169 \\ \hline 509 \end{array}$	7.	$\begin{array}{r} 124 \\ + 383 \\ \hline 507 \end{array}$	8.	$\begin{array}{r} 251 \\ + 159 \\ \hline 410 \end{array}$	9.	$\begin{array}{r} 221 \\ + 280 \\ \hline 501 \end{array}$	10.	$\begin{array}{r} 162 \\ + 662 \\ \hline 824 \end{array}$
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11.	$\begin{array}{r} 270 \\ + 573 \\ \hline 843 \end{array}$	12.	$\begin{array}{r} 252 \\ + 179 \\ \hline 431 \end{array}$	13.	$\begin{array}{r} 161 \\ + 399 \\ \hline 560 \end{array}$	14.	$\begin{array}{r} 221 \\ + 490 \\ \hline 711 \end{array}$	15.	$\begin{array}{r} 478 \\ + 265 \\ \hline 743 \end{array}$
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16.	$\begin{array}{r} 207 \\ + 388 \\ \hline 595 \end{array}$	17.	$\begin{array}{r} 221 \\ + 629 \\ \hline 850 \end{array}$	18.	$\begin{array}{r} 193 \\ + 413 \\ \hline 606 \end{array}$	19.	$\begin{array}{r} 444 \\ + 168 \\ \hline 612 \end{array}$	20.	$\begin{array}{r} 336 \\ + 576 \\ \hline 912 \end{array}$
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Subtraction without regrouping

Subtract. Every top digit is at least the digit under it.

1.	$\begin{array}{r} 318 \\ - 303 \\ \hline 15 \end{array}$	2.	$\begin{array}{r} 210 \\ - 100 \\ \hline 110 \end{array}$	3.	$\begin{array}{r} 408 \\ - 404 \\ \hline 4 \end{array}$	4.	$\begin{array}{r} 963 \\ - 453 \\ \hline 510 \end{array}$	5.	$\begin{array}{r} 780 \\ - 500 \\ \hline 280 \end{array}$
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6.	$\begin{array}{r} 992 \\ - 271 \\ \hline 721 \end{array}$	7.	$\begin{array}{r} 181 \\ - 141 \\ \hline 40 \end{array}$	8.	$\begin{array}{r} 506 \\ - 102 \\ \hline 404 \end{array}$	9.	$\begin{array}{r} 407 \\ - 107 \\ \hline 300 \end{array}$	10.	$\begin{array}{r} 839 \\ - 204 \\ \hline 635 \end{array}$
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11.	$\begin{array}{r} 154 \\ - 113 \\ \hline 41 \end{array}$	12.	$\begin{array}{r} 419 \\ - 317 \\ \hline 102 \end{array}$	13.	$\begin{array}{r} 356 \\ - 120 \\ \hline 236 \end{array}$	14.	$\begin{array}{r} 219 \\ - 213 \\ \hline 6 \end{array}$	15.	$\begin{array}{r} 209 \\ - 207 \\ \hline 2 \end{array}$
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16.	$\begin{array}{r} 557 \\ - 224 \\ \hline 333 \end{array}$	17.	$\begin{array}{r} 887 \\ - 774 \\ \hline 113 \end{array}$	18.	$\begin{array}{r} 732 \\ - 422 \\ \hline 310 \end{array}$	19.	$\begin{array}{r} 719 \\ - 601 \\ \hline 118 \end{array}$	20.	$\begin{array}{r} 628 \\ - 211 \\ \hline 417 \end{array}$
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Subtraction with regrouping

Subtract. Regroup when the top digit is smaller.

1.	$\begin{array}{r} 334 \\ - 128 \\ \hline 206 \end{array}$	2.	$\begin{array}{r} 924 \\ - 375 \\ \hline 549 \end{array}$	3.	$\begin{array}{r} 888 \\ - 193 \\ \hline 695 \end{array}$	4.	$\begin{array}{r} 453 \\ - 173 \\ \hline 280 \end{array}$	5.	$\begin{array}{r} 920 \\ - 867 \\ \hline 53 \end{array}$
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6.	$\begin{array}{r} 266 \\ - 192 \\ \hline 74 \end{array}$	7.	$\begin{array}{r} 935 \\ - 686 \\ \hline 249 \end{array}$	8.	$\begin{array}{r} 506 \\ - 469 \\ \hline 37 \end{array}$	9.	$\begin{array}{r} 912 \\ - 829 \\ \hline 83 \end{array}$	10.	$\begin{array}{r} 816 \\ - 287 \\ \hline 529 \end{array}$
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11.	$\begin{array}{r} 523 \\ - 337 \\ \hline 186 \end{array}$	12.	$\begin{array}{r} 878 \\ - 482 \\ \hline 396 \end{array}$	13.	$\begin{array}{r} 397 \\ - 278 \\ \hline 119 \end{array}$	14.	$\begin{array}{r} 708 \\ - 427 \\ \hline 281 \end{array}$	15.	$\begin{array}{r} 704 \\ - 231 \\ \hline 473 \end{array}$
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16.	$\begin{array}{r} 904 \\ - 751 \\ \hline 153 \end{array}$	17.	$\begin{array}{r} 970 \\ - 180 \\ \hline 790 \end{array}$	18.	$\begin{array}{r} 682 \\ - 496 \\ \hline 186 \end{array}$	19.	$\begin{array}{r} 344 \\ - 282 \\ \hline 62 \end{array}$	20.	$\begin{array}{r} 329 \\ - 198 \\ \hline 131 \end{array}$
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