



Addition without regrouping

Add. No column makes 10.

1.	$\begin{array}{r} 249 \\ + 120 \\ \hline 369 \end{array}$	2.	$\begin{array}{r} 110 \\ + 567 \\ \hline 677 \end{array}$	3.	$\begin{array}{r} 663 \\ + 231 \\ \hline 894 \end{array}$	4.	$\begin{array}{r} 652 \\ + 115 \\ \hline 767 \end{array}$	5.	$\begin{array}{r} 203 \\ + 664 \\ \hline 867 \end{array}$
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6.	$\begin{array}{r} 182 \\ + 215 \\ \hline 397 \end{array}$	7.	$\begin{array}{r} 546 \\ + 243 \\ \hline 789 \end{array}$	8.	$\begin{array}{r} 153 \\ + 141 \\ \hline 294 \end{array}$	9.	$\begin{array}{r} 367 \\ + 312 \\ \hline 679 \end{array}$	10.	$\begin{array}{r} 240 \\ + 736 \\ \hline 976 \end{array}$
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11.	$\begin{array}{r} 300 \\ + 611 \\ \hline 911 \end{array}$	12.	$\begin{array}{r} 154 \\ + 210 \\ \hline 364 \end{array}$	13.	$\begin{array}{r} 125 \\ + 153 \\ \hline 278 \end{array}$	14.	$\begin{array}{r} 236 \\ + 601 \\ \hline 837 \end{array}$	15.	$\begin{array}{r} 131 \\ + 264 \\ \hline 395 \end{array}$
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16.	$\begin{array}{r} 534 \\ + 341 \\ \hline 875 \end{array}$	17.	$\begin{array}{r} 221 \\ + 734 \\ \hline 955 \end{array}$	18.	$\begin{array}{r} 263 \\ + 732 \\ \hline 995 \end{array}$	19.	$\begin{array}{r} 302 \\ + 417 \\ \hline 719 \end{array}$	20.	$\begin{array}{r} 850 \\ + 116 \\ \hline 966 \end{array}$
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Addition with regrouping

Add. Regroup when a column makes 10 or more.

1.	$\begin{array}{r} 255 \\ + 658 \\ \hline 913 \end{array}$	2.	$\begin{array}{r} 498 \\ + 208 \\ \hline 706 \end{array}$	3.	$\begin{array}{r} 472 \\ + 265 \\ \hline 737 \end{array}$	4.	$\begin{array}{r} 329 \\ + 182 \\ \hline 511 \end{array}$	5.	$\begin{array}{r} 401 \\ + 349 \\ \hline 750 \end{array}$
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6.	$\begin{array}{r} 434 \\ + 286 \\ \hline 720 \end{array}$	7.	$\begin{array}{r} 264 \\ + 478 \\ \hline 742 \end{array}$	8.	$\begin{array}{r} 198 \\ + 438 \\ \hline 636 \end{array}$	9.	$\begin{array}{r} 289 \\ + 478 \\ \hline 767 \end{array}$	10.	$\begin{array}{r} 256 \\ + 507 \\ \hline 763 \end{array}$
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11.	$\begin{array}{r} 348 \\ + 479 \\ \hline 827 \end{array}$	12.	$\begin{array}{r} 251 \\ + 151 \\ \hline 402 \end{array}$	13.	$\begin{array}{r} 145 \\ + 416 \\ \hline 561 \end{array}$	14.	$\begin{array}{r} 243 \\ + 387 \\ \hline 630 \end{array}$	15.	$\begin{array}{r} 255 \\ + 678 \\ \hline 933 \end{array}$
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16.	$\begin{array}{r} 467 \\ + 135 \\ \hline 602 \end{array}$	17.	$\begin{array}{r} 399 \\ + 164 \\ \hline 563 \end{array}$	18.	$\begin{array}{r} 123 \\ + 277 \\ \hline 400 \end{array}$	19.	$\begin{array}{r} 493 \\ + 288 \\ \hline 781 \end{array}$	20.	$\begin{array}{r} 166 \\ + 490 \\ \hline 656 \end{array}$
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Subtraction without regrouping

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

1.	$\begin{array}{r} 523 \\ - 110 \\ \hline 413 \end{array}$	2.	$\begin{array}{r} 244 \\ - 134 \\ \hline 110 \end{array}$	3.	$\begin{array}{r} 520 \\ - 500 \\ \hline 20 \end{array}$	4.	$\begin{array}{r} 829 \\ - 113 \\ \hline 716 \end{array}$	5.	$\begin{array}{r} 613 \\ - 511 \\ \hline 102 \end{array}$
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6.	$\begin{array}{r} 816 \\ - 510 \\ \hline 306 \end{array}$	7.	$\begin{array}{r} 696 \\ - 301 \\ \hline 395 \end{array}$	8.	$\begin{array}{r} 459 \\ - 226 \\ \hline 233 \end{array}$	9.	$\begin{array}{r} 978 \\ - 410 \\ \hline 568 \end{array}$	10.	$\begin{array}{r} 222 \\ - 120 \\ \hline 102 \end{array}$
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11.	$\begin{array}{r} 559 \\ - 525 \\ \hline 34 \end{array}$	12.	$\begin{array}{r} 651 \\ - 311 \\ \hline 340 \end{array}$	13.	$\begin{array}{r} 398 \\ - 150 \\ \hline 248 \end{array}$	14.	$\begin{array}{r} 716 \\ - 706 \\ \hline 10 \end{array}$	15.	$\begin{array}{r} 351 \\ - 341 \\ \hline 10 \end{array}$
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16.	$\begin{array}{r} 298 \\ - 191 \\ \hline 107 \end{array}$	17.	$\begin{array}{r} 554 \\ - 540 \\ \hline 14 \end{array}$	18.	$\begin{array}{r} 841 \\ - 120 \\ \hline 721 \end{array}$	19.	$\begin{array}{r} 116 \\ - 101 \\ \hline 15 \end{array}$	20.	$\begin{array}{r} 496 \\ - 213 \\ \hline 283 \end{array}$
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Subtraction with regrouping

Subtract. Regroup when the top digit is smaller.

1.	$\begin{array}{r} 412 \\ - 318 \\ \hline 94 \end{array}$	2.	$\begin{array}{r} 844 \\ - 789 \\ \hline 55 \end{array}$	3.	$\begin{array}{r} 705 \\ - 106 \\ \hline 599 \end{array}$	4.	$\begin{array}{r} 657 \\ - 596 \\ \hline 61 \end{array}$	5.	$\begin{array}{r} 319 \\ - 167 \\ \hline 152 \end{array}$
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6.	$\begin{array}{r} 525 \\ - 478 \\ \hline 47 \end{array}$	7.	$\begin{array}{r} 513 \\ - 316 \\ \hline 197 \end{array}$	8.	$\begin{array}{r} 365 \\ - 227 \\ \hline 138 \end{array}$	9.	$\begin{array}{r} 235 \\ - 128 \\ \hline 107 \end{array}$	10.	$\begin{array}{r} 333 \\ - 134 \\ \hline 199 \end{array}$
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11.	$\begin{array}{r} 301 \\ - 213 \\ \hline 88 \end{array}$	12.	$\begin{array}{r} 617 \\ - 372 \\ \hline 245 \end{array}$	13.	$\begin{array}{r} 352 \\ - 124 \\ \hline 228 \end{array}$	14.	$\begin{array}{r} 383 \\ - 205 \\ \hline 178 \end{array}$	15.	$\begin{array}{r} 728 \\ - 559 \\ \hline 169 \end{array}$
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16.	$\begin{array}{r} 840 \\ - 504 \\ \hline 336 \end{array}$	17.	$\begin{array}{r} 974 \\ - 799 \\ \hline 175 \end{array}$	18.	$\begin{array}{r} 272 \\ - 181 \\ \hline 91 \end{array}$	19.	$\begin{array}{r} 890 \\ - 526 \\ \hline 364 \end{array}$	20.	$\begin{array}{r} 464 \\ - 173 \\ \hline 291 \end{array}$
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