



Addition without regrouping

Add. No column makes 10.

1.	$\begin{array}{r} 344 \\ + 130 \\ \hline 474 \end{array}$	2.	$\begin{array}{r} 224 \\ + 144 \\ \hline 368 \end{array}$	3.	$\begin{array}{r} 654 \\ + 103 \\ \hline 757 \end{array}$	4.	$\begin{array}{r} 140 \\ + 540 \\ \hline 680 \end{array}$	5.	$\begin{array}{r} 614 \\ + 161 \\ \hline 775 \end{array}$
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6.	$\begin{array}{r} 216 \\ + 720 \\ \hline 936 \end{array}$	7.	$\begin{array}{r} 648 \\ + 101 \\ \hline 749 \end{array}$	8.	$\begin{array}{r} 832 \\ + 136 \\ \hline 968 \end{array}$	9.	$\begin{array}{r} 215 \\ + 240 \\ \hline 455 \end{array}$	10.	$\begin{array}{r} 232 \\ + 265 \\ \hline 497 \end{array}$
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11.	$\begin{array}{r} 157 \\ + 120 \\ \hline 277 \end{array}$	12.	$\begin{array}{r} 116 \\ + 503 \\ \hline 619 \end{array}$	13.	$\begin{array}{r} 127 \\ + 300 \\ \hline 427 \end{array}$	14.	$\begin{array}{r} 181 \\ + 207 \\ \hline 388 \end{array}$	15.	$\begin{array}{r} 646 \\ + 141 \\ \hline 787 \end{array}$
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16.	$\begin{array}{r} 467 \\ + 401 \\ \hline 868 \end{array}$	17.	$\begin{array}{r} 526 \\ + 261 \\ \hline 787 \end{array}$	18.	$\begin{array}{r} 502 \\ + 384 \\ \hline 886 \end{array}$	19.	$\begin{array}{r} 100 \\ + 728 \\ \hline 828 \end{array}$	20.	$\begin{array}{r} 611 \\ + 236 \\ \hline 847 \end{array}$
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Addition with regrouping

Add. Regroup when a column makes 10 or more.

1.	$\begin{array}{r} 457 \\ + 387 \\ \hline 844 \end{array}$	2.	$\begin{array}{r} 419 \\ + 292 \\ \hline 711 \end{array}$	3.	$\begin{array}{r} 329 \\ + 584 \\ \hline 913 \end{array}$	4.	$\begin{array}{r} 358 \\ + 113 \\ \hline 471 \end{array}$	5.	$\begin{array}{r} 467 \\ + 219 \\ \hline 686 \end{array}$
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6.	$\begin{array}{r} 119 \\ + 595 \\ \hline 714 \end{array}$	7.	$\begin{array}{r} 301 \\ + 519 \\ \hline 820 \end{array}$	8.	$\begin{array}{r} 144 \\ + 599 \\ \hline 743 \end{array}$	9.	$\begin{array}{r} 365 \\ + 262 \\ \hline 627 \end{array}$	10.	$\begin{array}{r} 499 \\ + 487 \\ \hline 986 \end{array}$
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11.	$\begin{array}{r} 196 \\ + 553 \\ \hline 749 \end{array}$	12.	$\begin{array}{r} 398 \\ + 455 \\ \hline 853 \end{array}$	13.	$\begin{array}{r} 166 \\ + 794 \\ \hline 960 \end{array}$	14.	$\begin{array}{r} 265 \\ + 175 \\ \hline 440 \end{array}$	15.	$\begin{array}{r} 351 \\ + 449 \\ \hline 800 \end{array}$
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16.	$\begin{array}{r} 465 \\ + 352 \\ \hline 817 \end{array}$	17.	$\begin{array}{r} 356 \\ + 371 \\ \hline 727 \end{array}$	18.	$\begin{array}{r} 138 \\ + 583 \\ \hline 721 \end{array}$	19.	$\begin{array}{r} 317 \\ + 218 \\ \hline 535 \end{array}$	20.	$\begin{array}{r} 342 \\ + 391 \\ \hline 733 \end{array}$
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Subtraction without regrouping

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

1.	$\begin{array}{r} 639 \\ - 423 \\ \hline 216 \end{array}$	2.	$\begin{array}{r} 208 \\ - 102 \\ \hline 106 \end{array}$	3.	$\begin{array}{r} 551 \\ - 520 \\ \hline 31 \end{array}$	4.	$\begin{array}{r} 748 \\ - 727 \\ \hline 21 \end{array}$	5.	$\begin{array}{r} 664 \\ - 443 \\ \hline 221 \end{array}$
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6.	$\begin{array}{r} 162 \\ - 101 \\ \hline 61 \end{array}$	7.	$\begin{array}{r} 968 \\ - 407 \\ \hline 561 \end{array}$	8.	$\begin{array}{r} 948 \\ - 611 \\ \hline 337 \end{array}$	9.	$\begin{array}{r} 513 \\ - 101 \\ \hline 412 \end{array}$	10.	$\begin{array}{r} 790 \\ - 170 \\ \hline 620 \end{array}$
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11.	$\begin{array}{r} 384 \\ - 104 \\ \hline 280 \end{array}$	12.	$\begin{array}{r} 960 \\ - 220 \\ \hline 740 \end{array}$	13.	$\begin{array}{r} 587 \\ - 153 \\ \hline 434 \end{array}$	14.	$\begin{array}{r} 418 \\ - 103 \\ \hline 315 \end{array}$	15.	$\begin{array}{r} 520 \\ - 420 \\ \hline 100 \end{array}$
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16.	$\begin{array}{r} 175 \\ - 101 \\ \hline 74 \end{array}$	17.	$\begin{array}{r} 288 \\ - 252 \\ \hline 36 \end{array}$	18.	$\begin{array}{r} 615 \\ - 414 \\ \hline 201 \end{array}$	19.	$\begin{array}{r} 554 \\ - 223 \\ \hline 331 \end{array}$	20.	$\begin{array}{r} 228 \\ - 126 \\ \hline 102 \end{array}$
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Subtraction with regrouping

Subtract. Regroup when the top digit is smaller.

1.	$\begin{array}{r} 395 \\ - 189 \\ \hline 206 \end{array}$	2.	$\begin{array}{r} 856 \\ - 657 \\ \hline 199 \end{array}$	3.	$\begin{array}{r} 906 \\ - 643 \\ \hline 263 \end{array}$	4.	$\begin{array}{r} 531 \\ - 378 \\ \hline 153 \end{array}$	5.	$\begin{array}{r} 445 \\ - 154 \\ \hline 291 \end{array}$
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6.	$\begin{array}{r} 918 \\ - 279 \\ \hline 639 \end{array}$	7.	$\begin{array}{r} 362 \\ - 170 \\ \hline 192 \end{array}$	8.	$\begin{array}{r} 306 \\ - 167 \\ \hline 139 \end{array}$	9.	$\begin{array}{r} 397 \\ - 149 \\ \hline 248 \end{array}$	10.	$\begin{array}{r} 318 \\ - 139 \\ \hline 179 \end{array}$
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11.	$\begin{array}{r} 212 \\ - 159 \\ \hline 53 \end{array}$	12.	$\begin{array}{r} 447 \\ - 329 \\ \hline 118 \end{array}$	13.	$\begin{array}{r} 866 \\ - 397 \\ \hline 469 \end{array}$	14.	$\begin{array}{r} 582 \\ - 496 \\ \hline 86 \end{array}$	15.	$\begin{array}{r} 412 \\ - 390 \\ \hline 22 \end{array}$
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16.	$\begin{array}{r} 942 \\ - 864 \\ \hline 78 \end{array}$	17.	$\begin{array}{r} 485 \\ - 397 \\ \hline 88 \end{array}$	18.	$\begin{array}{r} 844 \\ - 556 \\ \hline 288 \end{array}$	19.	$\begin{array}{r} 653 \\ - 471 \\ \hline 182 \end{array}$	20.	$\begin{array}{r} 776 \\ - 439 \\ \hline 337 \end{array}$
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