

3 x 3 multiplication with regrouping

Name: _____

Date: _____

Set	2
Probe	1

$$\begin{array}{r} 999 \\ \times 97 \\ \hline \end{array}$$

$$\begin{array}{r} 189 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 336 \\ \times 74 \\ \hline \end{array}$$

$$\begin{array}{r} 696 \\ \times 99 \\ \hline \end{array}$$

$$\begin{array}{r} 676 \\ \times 56 \\ \hline \end{array}$$

$$\begin{array}{r} 827 \\ \times 79 \\ \hline \end{array}$$

$$\begin{array}{r} 221 \\ \times 29 \\ \hline \end{array}$$

$$\begin{array}{r} 622 \\ \times 45 \\ \hline \end{array}$$

$$\begin{array}{r} 654 \\ \times 14 \\ \hline \end{array}$$

$$\begin{array}{r} 847 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} 965 \\ \times 68 \\ \hline \end{array}$$

$$\begin{array}{r} 923 \\ \times 96 \\ \hline \end{array}$$

$$\begin{array}{r} 596 \\ \times 78 \\ \hline \end{array}$$

$$\begin{array}{r} 488 \\ \times 94 \\ \hline \end{array}$$

$$\begin{array}{r} 594 \\ \times 64 \\ \hline \end{array}$$

$$\begin{array}{r} 313 \\ \times 50 \\ \hline \end{array}$$

$$\begin{array}{r} 893 \\ \times 74 \\ \hline \end{array}$$

$$\begin{array}{r} 727 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 294 \\ \times 25 \\ \hline \end{array}$$

$$\begin{array}{r} 828 \\ \times 57 \\ \hline \end{array}$$

$$\begin{array}{r} 309 \\ \times 97 \\ \hline \end{array}$$

$$\begin{array}{r} 404 \\ \times 66 \\ \hline \end{array}$$

$$\begin{array}{r} 301 \\ \times 86 \\ \hline \end{array}$$

$$\begin{array}{r} 755 \\ \times 12 \\ \hline \end{array}$$

3 x 3 multiplication with regrouping

Name: _____

Date: _____

Set	2
Probe	2

$$\begin{array}{r} 765 \\ \times 69 \\ \hline \end{array}$$

$$\begin{array}{r} 412 \\ \times 28 \\ \hline \end{array}$$

$$\begin{array}{r} 805 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} 467 \\ \times 56 \\ \hline \end{array}$$

$$\begin{array}{r} 206 \\ \times 63 \\ \hline \end{array}$$

$$\begin{array}{r} 692 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 408 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 250 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 696 \\ \times 85 \\ \hline \end{array}$$

$$\begin{array}{r} 354 \\ \times 28 \\ \hline \end{array}$$

$$\begin{array}{r} 632 \\ \times 99 \\ \hline \end{array}$$

$$\begin{array}{r} 488 \\ \times 49 \\ \hline \end{array}$$

$$\begin{array}{r} 233 \\ \times 83 \\ \hline \end{array}$$

$$\begin{array}{r} 763 \\ \times 90 \\ \hline \end{array}$$

$$\begin{array}{r} 648 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 415 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 947 \\ \times 22 \\ \hline \end{array}$$

$$\begin{array}{r} 263 \\ \times 58 \\ \hline \end{array}$$

$$\begin{array}{r} 725 \\ \times 58 \\ \hline \end{array}$$

$$\begin{array}{r} 573 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 444 \\ \times 64 \\ \hline \end{array}$$

$$\begin{array}{r} 259 \\ \times 86 \\ \hline \end{array}$$

$$\begin{array}{r} 226 \\ \times 44 \\ \hline \end{array}$$

$$\begin{array}{r} 759 \\ \times 53 \\ \hline \end{array}$$

3 x 3 multiplication with regrouping

Name: _____

Date: _____

Set	2
Probe	3

$$\begin{array}{r} 462 \\ \times 73 \\ \hline \end{array}$$

$$\begin{array}{r} 526 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 225 \\ \times 83 \\ \hline \end{array}$$

$$\begin{array}{r} 543 \\ \times 88 \\ \hline \end{array}$$

$$\begin{array}{r} 322 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 449 \\ \times 60 \\ \hline \end{array}$$

$$\begin{array}{r} 773 \\ \times 70 \\ \hline \end{array}$$

$$\begin{array}{r} 878 \\ \times 39 \\ \hline \end{array}$$

$$\begin{array}{r} 216 \\ \times 75 \\ \hline \end{array}$$

$$\begin{array}{r} 405 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 459 \\ \times 95 \\ \hline \end{array}$$

$$\begin{array}{r} 222 \\ \times 60 \\ \hline \end{array}$$

$$\begin{array}{r} 980 \\ \times 51 \\ \hline \end{array}$$

$$\begin{array}{r} 864 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 670 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 991 \\ \times 77 \\ \hline \end{array}$$

$$\begin{array}{r} 448 \\ \times 88 \\ \hline \end{array}$$

$$\begin{array}{r} 605 \\ \times 98 \\ \hline \end{array}$$

$$\begin{array}{r} 401 \\ \times 94 \\ \hline \end{array}$$

$$\begin{array}{r} 689 \\ \times 93 \\ \hline \end{array}$$

$$\begin{array}{r} 851 \\ \times 49 \\ \hline \end{array}$$

$$\begin{array}{r} 286 \\ \times 51 \\ \hline \end{array}$$

$$\begin{array}{r} 139 \\ \times 88 \\ \hline \end{array}$$

$$\begin{array}{r} 242 \\ \times 42 \\ \hline \end{array}$$

3 x 3 multiplication with regrouping

Name: _____

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Set	2
Probe	4

$$\begin{array}{r} 180 \\ \times 49 \\ \hline \end{array}$$

$$\begin{array}{r} 728 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 730 \\ \times 13 \\ \hline \end{array}$$

$$\begin{array}{r} 333 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 202 \\ \times 45 \\ \hline \end{array}$$

$$\begin{array}{r} 489 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 500 \\ \times 83 \\ \hline \end{array}$$

$$\begin{array}{r} 770 \\ \times 77 \\ \hline \end{array}$$

$$\begin{array}{r} 162 \\ \times 33 \\ \hline \end{array}$$

$$\begin{array}{r} 728 \\ \times 63 \\ \hline \end{array}$$

$$\begin{array}{r} 329 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 128 \\ \times 55 \\ \hline \end{array}$$

$$\begin{array}{r} 139 \\ \times 79 \\ \hline \end{array}$$

$$\begin{array}{r} 576 \\ \times 14 \\ \hline \end{array}$$

$$\begin{array}{r} 981 \\ \times 38 \\ \hline \end{array}$$

$$\begin{array}{r} 922 \\ \times 71 \\ \hline \end{array}$$

$$\begin{array}{r} 285 \\ \times 31 \\ \hline \end{array}$$

$$\begin{array}{r} 579 \\ \times 38 \\ \hline \end{array}$$

$$\begin{array}{r} 263 \\ \times 81 \\ \hline \end{array}$$

$$\begin{array}{r} 788 \\ \times 82 \\ \hline \end{array}$$

$$\begin{array}{r} 829 \\ \times 45 \\ \hline \end{array}$$

$$\begin{array}{r} 398 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} 397 \\ \times 98 \\ \hline \end{array}$$

$$\begin{array}{r} 968 \\ \times 97 \\ \hline \end{array}$$

3 x 3 multiplication with regrouping

Name: _____

Date: _____

Set	2
Probe	5

$$\begin{array}{r} 338 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 791 \\ \times 68 \\ \hline \end{array}$$

$$\begin{array}{r} 476 \\ \times 78 \\ \hline \end{array}$$

$$\begin{array}{r} 972 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 828 \\ \times 77 \\ \hline \end{array}$$

$$\begin{array}{r} 192 \\ \times 39 \\ \hline \end{array}$$

$$\begin{array}{r} 533 \\ \times 31 \\ \hline \end{array}$$

$$\begin{array}{r} 194 \\ \times 22 \\ \hline \end{array}$$

$$\begin{array}{r} 637 \\ \times 91 \\ \hline \end{array}$$

$$\begin{array}{r} 420 \\ \times 82 \\ \hline \end{array}$$

$$\begin{array}{r} 747 \\ \times 95 \\ \hline \end{array}$$

$$\begin{array}{r} 974 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 436 \\ \times 39 \\ \hline \end{array}$$

$$\begin{array}{r} 729 \\ \times 61 \\ \hline \end{array}$$

$$\begin{array}{r} 870 \\ \times 88 \\ \hline \end{array}$$

$$\begin{array}{r} 210 \\ \times 73 \\ \hline \end{array}$$

$$\begin{array}{r} 243 \\ \times 93 \\ \hline \end{array}$$

$$\begin{array}{r} 935 \\ \times 30 \\ \hline \end{array}$$

$$\begin{array}{r} 176 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 875 \\ \times 71 \\ \hline \end{array}$$

$$\begin{array}{r} 275 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} 185 \\ \times 91 \\ \hline \end{array}$$

$$\begin{array}{r} 444 \\ \times 75 \\ \hline \end{array}$$

$$\begin{array}{r} 904 \\ \times 55 \\ \hline \end{array}$$

3 x 3 multiplication with regrouping

Name: _____

Date: _____

Set	2
Probe	6

$$\begin{array}{r} 864 \\ \times 69 \\ \hline \end{array}$$

$$\begin{array}{r} 845 \\ \times 73 \\ \hline \end{array}$$

$$\begin{array}{r} 555 \\ \times 86 \\ \hline \end{array}$$

$$\begin{array}{r} 830 \\ \times 72 \\ \hline \end{array}$$

$$\begin{array}{r} 267 \\ \times 16 \\ \hline \end{array}$$

$$\begin{array}{r} 278 \\ \times 97 \\ \hline \end{array}$$

$$\begin{array}{r} 726 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 268 \\ \times 75 \\ \hline \end{array}$$

$$\begin{array}{r} 465 \\ \times 51 \\ \hline \end{array}$$

$$\begin{array}{r} 897 \\ \times 58 \\ \hline \end{array}$$

$$\begin{array}{r} 325 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} 595 \\ \times 38 \\ \hline \end{array}$$

$$\begin{array}{r} 447 \\ \times 33 \\ \hline \end{array}$$

$$\begin{array}{r} 144 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 891 \\ \times 63 \\ \hline \end{array}$$

$$\begin{array}{r} 900 \\ \times 30 \\ \hline \end{array}$$

$$\begin{array}{r} 424 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 722 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 401 \\ \times 89 \\ \hline \end{array}$$

$$\begin{array}{r} 530 \\ \times 72 \\ \hline \end{array}$$

$$\begin{array}{r} 215 \\ \times 39 \\ \hline \end{array}$$

$$\begin{array}{r} 904 \\ \times 92 \\ \hline \end{array}$$

$$\begin{array}{r} 209 \\ \times 77 \\ \hline \end{array}$$

$$\begin{array}{r} 966 \\ \times 92 \\ \hline \end{array}$$

3 x 3 multiplication with regrouping

Name: _____

Date: _____

Set	2
Probe	7

$$\begin{array}{r} 575 \\ \times 29 \\ \hline \end{array}$$

$$\begin{array}{r} 199 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 130 \\ \times 92 \\ \hline \end{array}$$

$$\begin{array}{r} 684 \\ \times 75 \\ \hline \end{array}$$

$$\begin{array}{r} 661 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 139 \\ \times 71 \\ \hline \end{array}$$

$$\begin{array}{r} 509 \\ \times 39 \\ \hline \end{array}$$

$$\begin{array}{r} 781 \\ \times 38 \\ \hline \end{array}$$

$$\begin{array}{r} 368 \\ \times 76 \\ \hline \end{array}$$

$$\begin{array}{r} 748 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 557 \\ \times 79 \\ \hline \end{array}$$

$$\begin{array}{r} 840 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 596 \\ \times 60 \\ \hline \end{array}$$

$$\begin{array}{r} 466 \\ \times 60 \\ \hline \end{array}$$

$$\begin{array}{r} 251 \\ \times 70 \\ \hline \end{array}$$

$$\begin{array}{r} 230 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} 887 \\ \times 86 \\ \hline \end{array}$$

$$\begin{array}{r} 226 \\ \times 83 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ \times 42 \\ \hline \end{array}$$

$$\begin{array}{r} 765 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} 352 \\ \times 64 \\ \hline \end{array}$$

$$\begin{array}{r} 929 \\ \times 84 \\ \hline \end{array}$$

$$\begin{array}{r} 935 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 979 \\ \times 79 \\ \hline \end{array}$$

3 x 3 multiplication with regrouping

Name: _____

Date: _____

Set	2
Probe	8

$$\begin{array}{r} 536 \\ \times 59 \\ \hline \end{array}$$

$$\begin{array}{r} 981 \\ \times 57 \\ \hline \end{array}$$

$$\begin{array}{r} 563 \\ \times 98 \\ \hline \end{array}$$

$$\begin{array}{r} 626 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} 974 \\ \times 79 \\ \hline \end{array}$$

$$\begin{array}{r} 857 \\ \times 70 \\ \hline \end{array}$$

$$\begin{array}{r} 740 \\ \times 16 \\ \hline \end{array}$$

$$\begin{array}{r} 307 \\ \times 49 \\ \hline \end{array}$$

$$\begin{array}{r} 866 \\ \times 13 \\ \hline \end{array}$$

$$\begin{array}{r} 620 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} 725 \\ \times 45 \\ \hline \end{array}$$

$$\begin{array}{r} 496 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} 336 \\ \times 14 \\ \hline \end{array}$$

$$\begin{array}{r} 658 \\ \times 67 \\ \hline \end{array}$$

$$\begin{array}{r} 351 \\ \times 43 \\ \hline \end{array}$$

$$\begin{array}{r} 678 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 846 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} 439 \\ \times 71 \\ \hline \end{array}$$

$$\begin{array}{r} 971 \\ \times 43 \\ \hline \end{array}$$

$$\begin{array}{r} 459 \\ \times 49 \\ \hline \end{array}$$

$$\begin{array}{r} 727 \\ \times 41 \\ \hline \end{array}$$

$$\begin{array}{r} 695 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 272 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 839 \\ \times 31 \\ \hline \end{array}$$

3 x 3 multiplication with regrouping

Name: _____

Date: _____

Set	2
Probe	9

$$\begin{array}{r} 298 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 613 \\ \times 58 \\ \hline \end{array}$$

$$\begin{array}{r} 941 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 142 \\ \times 47 \\ \hline \end{array}$$

$$\begin{array}{r} 210 \\ \times 67 \\ \hline \end{array}$$

$$\begin{array}{r} 433 \\ \times 59 \\ \hline \end{array}$$

$$\begin{array}{r} 344 \\ \times 22 \\ \hline \end{array}$$

$$\begin{array}{r} 813 \\ \times 90 \\ \hline \end{array}$$

$$\begin{array}{r} 510 \\ \times 98 \\ \hline \end{array}$$

$$\begin{array}{r} 230 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 273 \\ \times 95 \\ \hline \end{array}$$

$$\begin{array}{r} 647 \\ \times 88 \\ \hline \end{array}$$

$$\begin{array}{r} 242 \\ \times 19 \\ \hline \end{array}$$

$$\begin{array}{r} 233 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 377 \\ \times 96 \\ \hline \end{array}$$

$$\begin{array}{r} 790 \\ \times 87 \\ \hline \end{array}$$

$$\begin{array}{r} 535 \\ \times 83 \\ \hline \end{array}$$

$$\begin{array}{r} 619 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 253 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 526 \\ \times 99 \\ \hline \end{array}$$

$$\begin{array}{r} 976 \\ \times 56 \\ \hline \end{array}$$

$$\begin{array}{r} 270 \\ \times 61 \\ \hline \end{array}$$

$$\begin{array}{r} 469 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 567 \\ \times 68 \\ \hline \end{array}$$

3 x 3 multiplication with regrouping

Name: _____

Date: _____

Set	2
Probe	10

$$\begin{array}{r} 993 \\ \times 87 \\ \hline \end{array}$$

$$\begin{array}{r} 379 \\ \times 15 \\ \hline \end{array}$$

$$\begin{array}{r} 672 \\ \times 55 \\ \hline \end{array}$$

$$\begin{array}{r} 624 \\ \times 59 \\ \hline \end{array}$$

$$\begin{array}{r} 331 \\ \times 60 \\ \hline \end{array}$$

$$\begin{array}{r} 915 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} 917 \\ \times 62 \\ \hline \end{array}$$

$$\begin{array}{r} 507 \\ \times 46 \\ \hline \end{array}$$

$$\begin{array}{r} 804 \\ \times 48 \\ \hline \end{array}$$

$$\begin{array}{r} 866 \\ \times 39 \\ \hline \end{array}$$

$$\begin{array}{r} 595 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} 580 \\ \times 39 \\ \hline \end{array}$$

$$\begin{array}{r} 948 \\ \times 16 \\ \hline \end{array}$$

$$\begin{array}{r} 147 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 587 \\ \times 85 \\ \hline \end{array}$$

$$\begin{array}{r} 155 \\ \times 95 \\ \hline \end{array}$$

$$\begin{array}{r} 594 \\ \times 83 \\ \hline \end{array}$$

$$\begin{array}{r} 869 \\ \times 62 \\ \hline \end{array}$$

$$\begin{array}{r} 976 \\ \times 56 \\ \hline \end{array}$$

$$\begin{array}{r} 357 \\ \times 30 \\ \hline \end{array}$$

$$\begin{array}{r} 892 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 664 \\ \times 75 \\ \hline \end{array}$$

$$\begin{array}{r} 357 \\ \times 13 \\ \hline \end{array}$$

$$\begin{array}{r} 856 \\ \times 41 \\ \hline \end{array}$$