

Free Printable Math Worksheets:
MULTIPLICATION 3 digits × 2 digits

TEST 1:

$777 \times 23 = \boxed{}$

$673 \times 23 = \boxed{}$

$874 \times 96 = \boxed{}$

$314 \times 76 = \boxed{}$

$359 \times 34 = \boxed{}$

$263 \times 46 = \boxed{}$

$568 \times 41 = \boxed{}$

$379 \times 25 = \boxed{}$

$437 \times 45 = \boxed{}$

$263 \times 78 = \boxed{}$

$365 \times 33 = \boxed{}$

$286 \times 87 = \boxed{}$

$865 \times 56 = \boxed{}$

$795 \times 74 = \boxed{}$

$353 \times 46 = \boxed{}$

$862 \times 89 = \boxed{}$

$863 \times 68 = \boxed{}$

$747 \times 67 = \boxed{}$

$783 \times 54 = \boxed{}$

$717 \times 55 = \boxed{}$

$798 \times 37 = \boxed{}$

$854 \times 28 = \boxed{}$

$866 \times 58 = \boxed{}$

$471 \times 48 = \boxed{}$

$198 \times 65 = \boxed{}$

$494 \times 86 = \boxed{}$

$456 \times 65 = \boxed{}$

$238 \times 52 = \boxed{}$

$762 \times 41 = \boxed{}$

$674 \times 28 = \boxed{}$

$635 \times 73 = \boxed{}$

$688 \times 77 = \boxed{}$

$751 \times 73 = \boxed{}$

$667 \times 52 = \boxed{}$

$784 \times 31 = \boxed{}$

$518 \times 68 = \boxed{}$

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MULTIPLICATION 3 digits × 2 digits

TEST 2:

$642 \times 42 = \boxed{}$

$713 \times 24 = \boxed{}$

$162 \times 43 = \boxed{}$

$768 \times 77 = \boxed{}$

$557 \times 77 = \boxed{}$

$358 \times 49 = \boxed{}$

$688 \times 34 = \boxed{}$

$386 \times 72 = \boxed{}$

$949 \times 44 = \boxed{}$

$386 \times 32 = \boxed{}$

$275 \times 49 = \boxed{}$

$587 \times 83 = \boxed{}$

$789 \times 29 = \boxed{}$

$583 \times 74 = \boxed{}$

$465 \times 44 = \boxed{}$

$317 \times 66 = \boxed{}$

$644 \times 93 = \boxed{}$

$388 \times 34 = \boxed{}$

$852 \times 27 = \boxed{}$

$439 \times 65 = \boxed{}$

$867 \times 34 = \boxed{}$

$165 \times 55 = \boxed{}$

$475 \times 55 = \boxed{}$

$561 \times 85 = \boxed{}$

$745 \times 68 = \boxed{}$

$368 \times 97 = \boxed{}$

$854 \times 85 = \boxed{}$

$735 \times 97 = \boxed{}$

$275 \times 48 = \boxed{}$

$895 \times 87 = \boxed{}$

$623 \times 48 = \boxed{}$

$772 \times 67 = \boxed{}$

$945 \times 21 = \boxed{}$

$244 \times 98 = \boxed{}$

$828 \times 14 = \boxed{}$

$478 \times 85 = \boxed{}$

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TEST 3:

$183 \times 57 = \boxed{}$

$283 \times 31 = \boxed{}$

$344 \times 87 = \boxed{}$

$266 \times 24 = \boxed{}$

$833 \times 91 = \boxed{}$

$266 \times 43 = \boxed{}$

$665 \times 34 = \boxed{}$

$486 \times 29 = \boxed{}$

$598 \times 23 = \boxed{}$

$683 \times 78 = \boxed{}$

$536 \times 88 = \boxed{}$

$348 \times 16 = \boxed{}$

$385 \times 52 = \boxed{}$

$356 \times 94 = \boxed{}$

$352 \times 32 = \boxed{}$

$368 \times 78 = \boxed{}$

$538 \times 27 = \boxed{}$

$773 \times 38 = \boxed{}$

$328 \times 41 = \boxed{}$

$876 \times 85 = \boxed{}$

$885 \times 87 = \boxed{}$

$569 \times 14 = \boxed{}$

$826 \times 64 = \boxed{}$

$151 \times 84 = \boxed{}$

$572 \times 26 = \boxed{}$

$961 \times 67 = \boxed{}$

$836 \times 62 = \boxed{}$

$134 \times 53 = \boxed{}$

$654 \times 86 = \boxed{}$

$583 \times 28 = \boxed{}$

$376 \times 55 = \boxed{}$

$846 \times 12 = \boxed{}$

$945 \times 35 = \boxed{}$

$822 \times 93 = \boxed{}$

$618 \times 43 = \boxed{}$

$778 \times 36 = \boxed{}$

TEST 1 – ANSWERS:

$777 \times 23 = \boxed{17871}$

$673 \times 23 = \boxed{15479}$

$874 \times 96 = \boxed{83904}$

$314 \times 76 = \boxed{23864}$

$359 \times 34 = \boxed{12206}$

$263 \times 46 = \boxed{12098}$

$568 \times 41 = \boxed{23288}$

$379 \times 25 = \boxed{9475}$

$437 \times 45 = \boxed{19665}$

$263 \times 78 = \boxed{20514}$

$365 \times 33 = \boxed{12045}$

$286 \times 87 = \boxed{24882}$

$865 \times 56 = \boxed{48440}$

$795 \times 74 = \boxed{58830}$

$353 \times 46 = \boxed{16238}$

$862 \times 89 = \boxed{76718}$

$863 \times 68 = \boxed{58684}$

$747 \times 67 = \boxed{50049}$

$783 \times 54 = \boxed{42282}$

$717 \times 55 = \boxed{39435}$

$798 \times 37 = \boxed{29526}$

$854 \times 28 = \boxed{23912}$

$866 \times 58 = \boxed{50228}$

$471 \times 48 = \boxed{22608}$

$198 \times 65 = \boxed{12870}$

$494 \times 86 = \boxed{42484}$

$456 \times 65 = \boxed{29640}$

$238 \times 52 = \boxed{12376}$

$762 \times 41 = \boxed{31242}$

$674 \times 28 = \boxed{18872}$

$635 \times 73 = \boxed{46355}$

$688 \times 77 = \boxed{52976}$

$751 \times 73 = \boxed{54823}$

$667 \times 52 = \boxed{34684}$

$784 \times 31 = \boxed{24304}$

$518 \times 68 = \boxed{35224}$

TEST 2 – ANSWERS:

$642 \times 42 = \boxed{26964}$

$713 \times 24 = \boxed{17112}$

$162 \times 43 = \boxed{6966}$

$768 \times 77 = \boxed{59136}$

$557 \times 77 = \boxed{42889}$

$358 \times 49 = \boxed{17542}$

$688 \times 34 = \boxed{23392}$

$386 \times 72 = \boxed{27792}$

$949 \times 44 = \boxed{41756}$

$386 \times 32 = \boxed{12352}$

$275 \times 49 = \boxed{13475}$

$587 \times 83 = \boxed{48721}$

$789 \times 29 = \boxed{22881}$

$583 \times 74 = \boxed{43142}$

$465 \times 44 = \boxed{20460}$

$317 \times 66 = \boxed{20922}$

$644 \times 93 = \boxed{59892}$

$388 \times 34 = \boxed{13192}$

$852 \times 27 = \boxed{23004}$

$439 \times 65 = \boxed{28535}$

$867 \times 34 = \boxed{29478}$

$165 \times 55 = \boxed{9075}$

$475 \times 55 = \boxed{26125}$

$561 \times 85 = \boxed{47685}$

$745 \times 68 = \boxed{50660}$

$368 \times 97 = \boxed{35696}$

$854 \times 85 = \boxed{72590}$

$735 \times 97 = \boxed{71295}$

$275 \times 48 = \boxed{13200}$

$895 \times 87 = \boxed{77865}$

$623 \times 48 = \boxed{29904}$

$772 \times 67 = \boxed{51724}$

$945 \times 21 = \boxed{19845}$

$244 \times 98 = \boxed{23912}$

$828 \times 14 = \boxed{11592}$

$478 \times 85 = \boxed{40630}$

TEST 3 – ANSWERS:

$183 \times 57 = \boxed{10431}$

$283 \times 31 = \boxed{8773}$

$344 \times 87 = \boxed{29928}$

$266 \times 24 = \boxed{6384}$

$833 \times 91 = \boxed{75803}$

$266 \times 43 = \boxed{11438}$

$665 \times 34 = \boxed{22610}$

$486 \times 29 = \boxed{14094}$

$598 \times 23 = \boxed{13754}$

$683 \times 78 = \boxed{53274}$

$536 \times 88 = \boxed{47168}$

$348 \times 16 = \boxed{5568}$

$385 \times 52 = \boxed{20020}$

$356 \times 94 = \boxed{33464}$

$352 \times 32 = \boxed{11264}$

$368 \times 78 = \boxed{28704}$

$538 \times 27 = \boxed{14526}$

$773 \times 38 = \boxed{29374}$

$328 \times 41 = \boxed{13448}$

$876 \times 85 = \boxed{74460}$

$885 \times 87 = \boxed{76995}$

$569 \times 14 = \boxed{7966}$

$826 \times 64 = \boxed{52864}$

$151 \times 84 = \boxed{12684}$

$572 \times 26 = \boxed{14872}$

$961 \times 67 = \boxed{64387}$

$836 \times 62 = \boxed{51832}$

$134 \times 53 = \boxed{7102}$

$654 \times 86 = \boxed{56244}$

$583 \times 28 = \boxed{16324}$

$376 \times 55 = \boxed{20680}$

$846 \times 12 = \boxed{10152}$

$945 \times 35 = \boxed{33075}$

$822 \times 93 = \boxed{76446}$

$618 \times 43 = \boxed{26574}$

$778 \times 36 = \boxed{28008}$

EXAMPLES:

Go online to practice each step separately.

$$32 \times 654 = (30+2) \times (600+50+4) = \begin{array}{r} 1308 \\ +19620 \\ \hline 20928 \end{array}$$

$$\begin{array}{r} 2 \times (600+50+4) = \begin{array}{r} 1200 \\ +120 \\ +8 \end{array} \\ \hline 30 \times (600+50+4) = \begin{array}{r} 18000 \\ +1500 \\ +120 \end{array} \\ \hline \begin{array}{r} 1308 \\ +19620 \\ \hline 20928 \end{array} \end{array}$$

$$76 \times 489 = 37164$$

$$\begin{aligned} (70 + 6) \times (400 + 80 + 9) &= \\ &= 70 \times 400 + 70 \times 80 + 70 \times 9 + \\ &\quad + 6 \times 400 + 6 \times 80 + 6 \times 9 = \\ &= 28000 + 5600 + 630 + \\ &\quad + 2400 + 480 + 54 = \mathbf{37164} \end{aligned}$$

$$11 \times 528 = 5808$$

$$\begin{aligned} (10 + 1) \times (500 + 20 + 8) &= \\ &= 10 \times 500 + 10 \times 20 + 10 \times 8 + \\ &\quad + 1 \times 500 + 1 \times 20 + 1 \times 8 = \\ &= 5000 + 200 + 80 + \\ &\quad + 500 + 20 + 8 = \mathbf{5808} \end{aligned}$$

$$41 \times 732 = 30012$$

$$\begin{aligned} (40 + 1) \times (700 + 30 + 2) &= \\ &= 40 \times 700 + 40 \times 30 + 40 \times 2 + \\ &\quad + 1 \times 700 + 1 \times 30 + 1 \times 2 = \\ &= 28000 + 1200 + 80 + \\ &\quad + 700 + 30 + 2 = \mathbf{30012} \end{aligned}$$

$$64 \times 722 = 46208$$

$$\begin{aligned} (60 + 4) \times (700 + 20 + 2) &= \\ &= 60 \times 700 + 60 \times 20 + 60 \times 2 + \\ &\quad + 4 \times 700 + 4 \times 20 + 4 \times 2 = \\ &= 42000 + 1200 + 120 + \\ &\quad + 2800 + 80 + 8 = \mathbf{46208} \end{aligned}$$



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