

3-Digit by 2-Digit Multiplication - ANSWER KEY

Grade 5 | Multiplying three-digit numbers by two-digit numbers with the standard algorithm | Version 1 of 10

Multiply. Show your work: multiply by the ones digit, then by the tens digit (start that row with a 0), then add the partial products.

1.

$$\begin{array}{r} 818 \\ \times 15 \\ \hline 12270 \end{array}$$

2.

$$\begin{array}{r} 927 \\ \times 24 \\ \hline 22248 \end{array}$$

3.

$$\begin{array}{r} 846 \\ \times 26 \\ \hline 21996 \end{array}$$

4.

$$\begin{array}{r} 798 \\ \times 25 \\ \hline 19950 \end{array}$$

5.

$$\begin{array}{r} 474 \\ \times 74 \\ \hline 35076 \end{array}$$

6.

$$\begin{array}{r} 836 \\ \times 58 \\ \hline 48488 \end{array}$$

7.

$$\begin{array}{r} 555 \\ \times 26 \\ \hline 14430 \end{array}$$

8.

$$\begin{array}{r} 937 \\ \times 51 \\ \hline 47787 \end{array}$$

9.

$$\begin{array}{r} 935 \\ \times 43 \\ \hline 40205 \end{array}$$

10.

$$\begin{array}{r} 257 \\ \times 85 \\ \hline 21845 \end{array}$$

11.

$$\begin{array}{r} 863 \\ \times 45 \\ \hline 38835 \end{array}$$

12.

$$\begin{array}{r} 419 \\ \times 54 \\ \hline 22626 \end{array}$$

3-Digit by 2-Digit Multiplication - ANSWER KEY

Grade 5 | Multiplying three-digit numbers by two-digit numbers with the standard algorithm | Version 2 of 10

Multiply. Show your work: multiply by the ones digit, then by the tens digit (start that row with a 0), then add the partial products.

1.

$$\begin{array}{r} 131 \\ \times 98 \\ \hline 12838 \end{array}$$

2.

$$\begin{array}{r} 319 \\ \times 42 \\ \hline 13398 \end{array}$$

3.

$$\begin{array}{r} 189 \\ \times 71 \\ \hline 13419 \end{array}$$

4.

$$\begin{array}{r} 314 \\ \times 77 \\ \hline 24178 \end{array}$$

5.

$$\begin{array}{r} 802 \\ \times 55 \\ \hline 44110 \end{array}$$

6.

$$\begin{array}{r} 253 \\ \times 94 \\ \hline 23782 \end{array}$$

7.

$$\begin{array}{r} 554 \\ \times 14 \\ \hline 7756 \end{array}$$

8.

$$\begin{array}{r} 766 \\ \times 96 \\ \hline 73536 \end{array}$$

9.

$$\begin{array}{r} 722 \\ \times 26 \\ \hline 18772 \end{array}$$

10.

$$\begin{array}{r} 919 \\ \times 14 \\ \hline 12866 \end{array}$$

11.

$$\begin{array}{r} 569 \\ \times 94 \\ \hline 53486 \end{array}$$

12.

$$\begin{array}{r} 525 \\ \times 17 \\ \hline 8925 \end{array}$$

3-Digit by 2-Digit Multiplication - ANSWER KEY

Grade 5 | Multiplying three-digit numbers by two-digit numbers with the standard algorithm | Version 3 of 10

Multiply. Show your work: multiply by the ones digit, then by the tens digit (start that row with a 0), then add the partial products.

1.

$$\begin{array}{r} 782 \\ \times 27 \\ \hline 21114 \end{array}$$

2.

$$\begin{array}{r} 246 \\ \times 97 \\ \hline 23862 \end{array}$$

3.

$$\begin{array}{r} 895 \\ \times 67 \\ \hline 59965 \end{array}$$

4.

$$\begin{array}{r} 923 \\ \times 53 \\ \hline 48919 \end{array}$$

5.

$$\begin{array}{r} 897 \\ \times 91 \\ \hline 81627 \end{array}$$

6.

$$\begin{array}{r} 729 \\ \times 43 \\ \hline 31347 \end{array}$$

7.

$$\begin{array}{r} 952 \\ \times 45 \\ \hline 42840 \end{array}$$

8.

$$\begin{array}{r} 261 \\ \times 22 \\ \hline 5742 \end{array}$$

9.

$$\begin{array}{r} 329 \\ \times 63 \\ \hline 20727 \end{array}$$

10.

$$\begin{array}{r} 193 \\ \times 16 \\ \hline 3088 \end{array}$$

11.

$$\begin{array}{r} 429 \\ \times 32 \\ \hline 13728 \end{array}$$

12.

$$\begin{array}{r} 439 \\ \times 86 \\ \hline 37754 \end{array}$$

3-Digit by 2-Digit Multiplication - ANSWER KEY

Grade 5 | Multiplying three-digit numbers by two-digit numbers with the standard algorithm | Version 4 of 10

Multiply. Show your work: multiply by the ones digit, then by the tens digit (start that row with a 0), then add the partial products.

1.

$$\begin{array}{r} 249 \\ \times 82 \\ \hline 20418 \end{array}$$

2.

$$\begin{array}{r} 192 \\ \times 89 \\ \hline 17088 \end{array}$$

3.

$$\begin{array}{r} 389 \\ \times 45 \\ \hline 17505 \end{array}$$

4.

$$\begin{array}{r} 764 \\ \times 82 \\ \hline 62648 \end{array}$$

5.

$$\begin{array}{r} 847 \\ \times 18 \\ \hline 15246 \end{array}$$

6.

$$\begin{array}{r} 489 \\ \times 18 \\ \hline 8802 \end{array}$$

7.

$$\begin{array}{r} 825 \\ \times 79 \\ \hline 65175 \end{array}$$

8.

$$\begin{array}{r} 306 \\ \times 48 \\ \hline 14688 \end{array}$$

9.

$$\begin{array}{r} 214 \\ \times 77 \\ \hline 16478 \end{array}$$

10.

$$\begin{array}{r} 184 \\ \times 73 \\ \hline 13432 \end{array}$$

11.

$$\begin{array}{r} 633 \\ \times 47 \\ \hline 29751 \end{array}$$

12.

$$\begin{array}{r} 854 \\ \times 55 \\ \hline 46970 \end{array}$$

3-Digit by 2-Digit Multiplication - ANSWER KEY

Grade 5 | Multiplying three-digit numbers by two-digit numbers with the standard algorithm | Version 5 of 10

Multiply. Show your work: multiply by the ones digit, then by the tens digit (start that row with a 0), then add the partial products.

1.

$$\begin{array}{r} 216 \\ \times 92 \\ \hline 19872 \end{array}$$

2.

$$\begin{array}{r} 446 \\ \times 15 \\ \hline 6690 \end{array}$$

3.

$$\begin{array}{r} 585 \\ \times 22 \\ \hline 12870 \end{array}$$

4.

$$\begin{array}{r} 396 \\ \times 86 \\ \hline 34056 \end{array}$$

5.

$$\begin{array}{r} 523 \\ \times 18 \\ \hline 9414 \end{array}$$

6.

$$\begin{array}{r} 295 \\ \times 59 \\ \hline 17405 \end{array}$$

7.

$$\begin{array}{r} 162 \\ \times 32 \\ \hline 5184 \end{array}$$

8.

$$\begin{array}{r} 404 \\ \times 67 \\ \hline 27068 \end{array}$$

9.

$$\begin{array}{r} 168 \\ \times 52 \\ \hline 8736 \end{array}$$

10.

$$\begin{array}{r} 572 \\ \times 94 \\ \hline 53768 \end{array}$$

11.

$$\begin{array}{r} 699 \\ \times 51 \\ \hline 35649 \end{array}$$

12.

$$\begin{array}{r} 446 \\ \times 48 \\ \hline 21408 \end{array}$$

3-Digit by 2-Digit Multiplication - ANSWER KEY

Grade 5 | Multiplying three-digit numbers by two-digit numbers with the standard algorithm | Version 6 of 10

Multiply. Show your work: multiply by the ones digit, then by the tens digit (start that row with a 0), then add the partial products.

1.

$$\begin{array}{r} 131 \\ \times 82 \\ \hline 10742 \end{array}$$

2.

$$\begin{array}{r} 675 \\ \times 43 \\ \hline 29025 \end{array}$$

3.

$$\begin{array}{r} 981 \\ \times 54 \\ \hline 52974 \end{array}$$

4.

$$\begin{array}{r} 133 \\ \times 19 \\ \hline 2527 \end{array}$$

5.

$$\begin{array}{r} 827 \\ \times 52 \\ \hline 43004 \end{array}$$

6.

$$\begin{array}{r} 656 \\ \times 95 \\ \hline 62320 \end{array}$$

7.

$$\begin{array}{r} 711 \\ \times 24 \\ \hline 17064 \end{array}$$

8.

$$\begin{array}{r} 654 \\ \times 55 \\ \hline 35970 \end{array}$$

9.

$$\begin{array}{r} 965 \\ \times 33 \\ \hline 31845 \end{array}$$

10.

$$\begin{array}{r} 374 \\ \times 47 \\ \hline 17578 \end{array}$$

11.

$$\begin{array}{r} 311 \\ \times 33 \\ \hline 10263 \end{array}$$

12.

$$\begin{array}{r} 429 \\ \times 43 \\ \hline 18447 \end{array}$$

3-Digit by 2-Digit Multiplication - ANSWER KEY

Grade 5 | Multiplying three-digit numbers by two-digit numbers with the standard algorithm | Version 7 of 10

Multiply. Show your work: multiply by the ones digit, then by the tens digit (start that row with a 0), then add the partial products.

1.

$$\begin{array}{r} 771 \\ \times 76 \\ \hline 58596 \end{array}$$

2.

$$\begin{array}{r} 318 \\ \times 54 \\ \hline 17172 \end{array}$$

3.

$$\begin{array}{r} 866 \\ \times 18 \\ \hline 15588 \end{array}$$

4.

$$\begin{array}{r} 891 \\ \times 37 \\ \hline 32967 \end{array}$$

5.

$$\begin{array}{r} 723 \\ \times 48 \\ \hline 34704 \end{array}$$

6.

$$\begin{array}{r} 278 \\ \times 46 \\ \hline 12788 \end{array}$$

7.

$$\begin{array}{r} 117 \\ \times 36 \\ \hline 4212 \end{array}$$

8.

$$\begin{array}{r} 941 \\ \times 84 \\ \hline 79044 \end{array}$$

9.

$$\begin{array}{r} 602 \\ \times 18 \\ \hline 10836 \end{array}$$

10.

$$\begin{array}{r} 133 \\ \times 33 \\ \hline 4389 \end{array}$$

11.

$$\begin{array}{r} 297 \\ \times 61 \\ \hline 18117 \end{array}$$

12.

$$\begin{array}{r} 533 \\ \times 28 \\ \hline 14924 \end{array}$$

3-Digit by 2-Digit Multiplication - ANSWER KEY

Grade 5 | Multiplying three-digit numbers by two-digit numbers with the standard algorithm | Version 8 of 10

Multiply. Show your work: multiply by the ones digit, then by the tens digit (start that row with a 0), then add the partial products.

1.

$$\begin{array}{r} 919 \\ \times 49 \\ \hline 45031 \end{array}$$

2.

$$\begin{array}{r} 512 \\ \times 94 \\ \hline 48128 \end{array}$$

3.

$$\begin{array}{r} 639 \\ \times 23 \\ \hline 14697 \end{array}$$

4.

$$\begin{array}{r} 504 \\ \times 77 \\ \hline 38808 \end{array}$$

5.

$$\begin{array}{r} 508 \\ \times 15 \\ \hline 7620 \end{array}$$

6.

$$\begin{array}{r} 767 \\ \times 49 \\ \hline 37583 \end{array}$$

7.

$$\begin{array}{r} 138 \\ \times 92 \\ \hline 12696 \end{array}$$

8.

$$\begin{array}{r} 287 \\ \times 64 \\ \hline 18368 \end{array}$$

9.

$$\begin{array}{r} 945 \\ \times 73 \\ \hline 68985 \end{array}$$

10.

$$\begin{array}{r} 829 \\ \times 66 \\ \hline 54714 \end{array}$$

11.

$$\begin{array}{r} 881 \\ \times 19 \\ \hline 16739 \end{array}$$

12.

$$\begin{array}{r} 373 \\ \times 35 \\ \hline 13055 \end{array}$$

3-Digit by 2-Digit Multiplication - ANSWER KEY

Grade 5 | Multiplying three-digit numbers by two-digit numbers with the standard algorithm | Version 9 of 10

Multiply. Show your work: multiply by the ones digit, then by the tens digit (start that row with a 0), then add the partial products.

1.

$$\begin{array}{r} 798 \\ \times 29 \\ \hline 23142 \end{array}$$

2.

$$\begin{array}{r} 806 \\ \times 35 \\ \hline 28210 \end{array}$$

3.

$$\begin{array}{r} 589 \\ \times 96 \\ \hline 56544 \end{array}$$

4.

$$\begin{array}{r} 957 \\ \times 55 \\ \hline 52635 \end{array}$$

5.

$$\begin{array}{r} 164 \\ \times 72 \\ \hline 11808 \end{array}$$

6.

$$\begin{array}{r} 628 \\ \times 12 \\ \hline 7536 \end{array}$$

7.

$$\begin{array}{r} 162 \\ \times 84 \\ \hline 13608 \end{array}$$

8.

$$\begin{array}{r} 614 \\ \times 99 \\ \hline 60786 \end{array}$$

9.

$$\begin{array}{r} 104 \\ \times 18 \\ \hline 1872 \end{array}$$

10.

$$\begin{array}{r} 152 \\ \times 38 \\ \hline 5776 \end{array}$$

11.

$$\begin{array}{r} 249 \\ \times 35 \\ \hline 8715 \end{array}$$

12.

$$\begin{array}{r} 906 \\ \times 99 \\ \hline 89694 \end{array}$$

3-Digit by 2-Digit Multiplication - ANSWER KEY

Grade 5 | Multiplying three-digit numbers by two-digit numbers with the standard algorithm | Version 10 of 10

Multiply. Show your work: multiply by the ones digit, then by the tens digit (start that row with a 0), then add the partial products.

1.

$$\begin{array}{r} 184 \\ \times 16 \\ \hline 2944 \end{array}$$

2.

$$\begin{array}{r} 823 \\ \times 95 \\ \hline 78185 \end{array}$$

3.

$$\begin{array}{r} 669 \\ \times 55 \\ \hline 36795 \end{array}$$

4.

$$\begin{array}{r} 957 \\ \times 26 \\ \hline 24882 \end{array}$$

5.

$$\begin{array}{r} 832 \\ \times 13 \\ \hline 10816 \end{array}$$

6.

$$\begin{array}{r} 307 \\ \times 64 \\ \hline 19648 \end{array}$$

7.

$$\begin{array}{r} 755 \\ \times 35 \\ \hline 26425 \end{array}$$

8.

$$\begin{array}{r} 277 \\ \times 22 \\ \hline 6094 \end{array}$$

9.

$$\begin{array}{r} 341 \\ \times 14 \\ \hline 4774 \end{array}$$

10.

$$\begin{array}{r} 233 \\ \times 81 \\ \hline 18873 \end{array}$$

11.

$$\begin{array}{r} 715 \\ \times 54 \\ \hline 38610 \end{array}$$

12.

$$\begin{array}{r} 109 \\ \times 85 \\ \hline 9265 \end{array}$$