Multiplication in columns — Key

4 digits × 2 digits · with regrouping

Use the matching edition. Other correct methods are valid.

Multiply by the ones, then by the tens. Add the two partial products.

1.

```
  3543
×   67
------
 24801
+212580
------
237381
```

3543 × 67 = 237,381

2.

```
  2915
×   61
------
  2915
+174900
------
177815
```

2915 × 61 = 177,815

3.

```
  9237
×   84
------
 36948
+738960
------
775908
```

9237 × 84 = 775,908

4.

```
  4009
×   42
------
  8018
+160360
------
168378
```

4009 × 42 = 168,378

5.

```
  7182
×   30
------
     0
+215460
------
215460
```

7182 × 30 = 215,460

6.

```
  2887
×   84
------
 11548
+230960
------
242508
```

2887 × 84 = 242,508

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Multiplication in columns — Key

4 digits × 2 digits · with regrouping

Use the matching edition. Other correct methods are valid.

Multiply by the ones, then by the tens. Add the two partial products.

1.

```
  2535
×   75
------
 12675
+177450
------
190125
```

2535 × 75 = 190,125

2.

```
  8425
×   45
------
 42125
+337000
------
379125
```

8425 × 45 = 379,125

3.

```
  4865
×   69
------
 43785
+291900
------
335685
```

4865 × 69 = 335,685

4.

```
  7103
×   20
------
     0
+142060
------
142060
```

7103 × 20 = 142,060

5.

```
  9548
×   81
------
  9548
+763840
------
773388
```

9548 × 81 = 773,388

6.

```
  6586
×   84
------
 26344
+526880
------
553224
```

6586 × 84 = 553,224

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Multiplication in columns — Key

4 digits × 2 digits · with regrouping

Use the matching edition. Other correct methods are valid.

Multiply by the ones, then by the tens. Add the two partial products.

1.

$$\begin{array}{r} 3189 \\ \times\ 44 \\ \hline 12756 \\ +\ 127560 \\ \hline 140316 \end{array}$$

3189 × 44 = 140,316

2.

$$\begin{array}{r} 7221 \\ \times\ 65 \\ \hline 36105 \\ +\ 433260 \\ \hline 469365 \end{array}$$

7221 × 65 = 469,365

3.

$$\begin{array}{r} 9353 \\ \times\ 24 \\ \hline 37412 \\ +\ 187060 \\ \hline 224472 \end{array}$$

9353 × 24 = 224,472

4.

$$\begin{array}{r} 5089 \\ \times\ 80 \\ \hline 0 \\ +\ 407120 \\ \hline 407120 \end{array}$$

5089 × 80 = 407,120

5.

$$\begin{array}{r} 8212 \\ \times\ 38 \\ \hline 65696 \\ +\ 246360 \\ \hline 312056 \end{array}$$

8212 × 38 = 312,056

6.

$$\begin{array}{r} 1817 \\ \times\ 16 \\ \hline 10902 \\ +\ 18170 \\ \hline 29072 \end{array}$$

1817 × 16 = 29,072

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Multiplication in columns — Key

4 digits × 2 digits · with regrouping

Use the matching edition. Other correct methods are valid.

Multiply by the ones, then by the tens. Add the two partial products.

1.

$$\begin{array}{r} 4890 \\ \times\ 77 \\ \hline 34230 \\ +\ 342300 \\ \hline 376530 \end{array}$$

4890 × 77 = 376,530

2.

$$\begin{array}{r} 4668 \\ \times\ 60 \\ \hline 0 \\ +\ 280080 \\ \hline 280080 \end{array}$$

4668 × 60 = 280,080

3.

$$\begin{array}{r} 8992 \\ \times\ 39 \\ \hline 80928 \\ +\ 269760 \\ \hline 350688 \end{array}$$

8992 × 39 = 350,688

4.

$$\begin{array}{r} 9141 \\ \times\ 18 \\ \hline 73128 \\ +\ 91410 \\ \hline 164538 \end{array}$$

9141 × 18 = 164,538

5.

$$\begin{array}{r} 5853 \\ \times\ 55 \\ \hline 29265 \\ +\ 292650 \\ \hline 321915 \end{array}$$

5853 × 55 = 321,915

6.

$$\begin{array}{r} 5991 \\ \times\ 85 \\ \hline 29955 \\ +\ 479280 \\ \hline 509235 \end{array}$$

5991 × 85 = 509,235

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Multiplication in columns — Key

4 digits × 2 digits · with regrouping

Use the matching edition. Other correct methods are valid.

Multiply by the ones, then by the tens. Add the two partial products.

1.

$$\begin{array}{r} 6601 \\ \times\quad 91 \\ \hline 6601 \\ +\ 594090 \\ \hline 600691 \end{array}$$

6601 × 91 = 600,691

2.

$$\begin{array}{r} 8833 \\ \times\quad 37 \\ \hline 61831 \\ +\ 264990 \\ \hline 326821 \end{array}$$

8833 × 37 = 326,821

3.

$$\begin{array}{r} 9989 \\ \times\quad 62 \\ \hline 19978 \\ +\ 599340 \\ \hline 619318 \end{array}$$

9989 × 62 = 619,318

4.

$$\begin{array}{r} 2979 \\ \times\quad 80 \\ \hline 0 \\ +\ 238320 \\ \hline 238320 \end{array}$$

2979 × 80 = 238,320

5.

$$\begin{array}{r} 1752 \\ \times\quad 46 \\ \hline 10512 \\ +\ 70080 \\ \hline 80592 \end{array}$$

1752 × 46 = 80,592

6.

$$\begin{array}{r} 9441 \\ \times\quad 86 \\ \hline 56646 \\ +\ 755280 \\ \hline 811926 \end{array}$$

9441 × 86 = 811,926

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