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.

$$\begin{array}{r} 2535 \\ \times\ 75 \\ \hline 12675 \\ +\ 177450 \\ \hline 190125 \end{array}$$

2535 × 75 = 190,125

2.

$$\begin{array}{r} 8425 \\ \times\ 45 \\ \hline 42125 \\ +\ 337000 \\ \hline 379125 \end{array}$$

8425 × 45 = 379,125

3.

$$\begin{array}{r} 4865 \\ \times\ 69 \\ \hline 43785 \\ +\ 291900 \\ \hline 335685 \end{array}$$

4865 × 69 = 335,685

4.

$$\begin{array}{r} 7103 \\ \times\ 20 \\ \hline 0 \\ +\ 142060 \\ \hline 142060 \end{array}$$

7103 × 20 = 142,060

5.

$$\begin{array}{r} 9548 \\ \times\ 81 \\ \hline 9548 \\ +\ 763840 \\ \hline 773388 \end{array}$$

9548 × 81 = 773,388

6.

$$\begin{array}{r} 6586 \\ \times\ 84 \\ \hline 26344 \\ +\ 526880 \\ \hline 553224 \end{array}$$

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.

```
  3189
×   44
------
 12756
+127560
------
140316
```

3189 × 44 = 140,316

2.

```
  7221
×   65
------
 36105
+433260
------
469365
```

7221 × 65 = 469,365

3.

```
  9353
×   24
------
 37412
+187060
------
224472
```

9353 × 24 = 224,472

4.

```
  5089
×   80
------
     0
+407120
------
407120
```

5089 × 80 = 407,120

5.

```
  8212
×   38
------
 65696
+246360
------
312056
```

8212 × 38 = 312,056

6.

```
  1817
×   16
------
 10902
+18170
------
29072
```

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.

```
  4890
×   77
-------
 34230
+342300
-------
376530
```

4890 × 77 = 376,530

2.

```
  4668
×   60
-------
     0
+280080
-------
280080
```

4668 × 60 = 280,080

3.

```
  8992
×   39
-------
 80928
+269760
-------
350688
```

8992 × 39 = 350,688

4.

```
  9141
×   18
-------
 73128
+ 9141 0
-------
164538
```

9141 × 18 = 164,538

5.

```
  5853
×   55
-------
 29265
+292650
-------
321915
```

5853 × 55 = 321,915

6.

```
  5991
×   85
-------
 29955
+479280
-------
509235
```

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.

```
  6601
×   91
------
  6601
+ 59409
------
 600691
```

6601 × 91 = 600,691

2.

```
  8833
×   37
------
 61831
+ 26499
------
 326821
```

8833 × 37 = 326,821

3.

```
  9989
×   62
------
 19978
+ 59934
------
 619318
```

9989 × 62 = 619,318

4.

```
  2979
×   80
------
     0
+ 23832
------
 238320
```

2979 × 80 = 238,320

5.

```
  1752
×   46
------
 10512
+ 7008
------
 80592
```

1752 × 46 = 80,592

6.

```
  9441
×   86
------
 56646
+ 75528
------
 811926
```

9441 × 86 = 811,926

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