Multiplying 2-Digit by 2-Digit Numbers

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Instructions

1. Multiply the top number by the ones digit of the bottom number and write it on the first line.
2. Multiply the top number by the tens digit and write it on the second line, with a zero in the ones place first because you are multiplying by tens.
3. Add the two lines.

Example

```
  27
× 45
------
1,215
```

1. Multiply the top number by the ones digit of the bottom number, one column at a time, carrying where you need to.
   7 × 5 = 35; write 5, carry 3
   2 × 5 + 3 = 13; write 3, carry 1
   Write the remaining carry: 1
   27 × 5 = 135
2. Do the same with each digit further along, starting its row with one zero for every place that digit has moved.
   7 × 4 = 28; write 8, carry 2
   2 × 4 + 2 = 10; write 0, carry 1
   Write the remaining carry: 1
   27 × 40 = 1,080
3. Add the product rows, and write that as the answer.
   135 + 1,080 = 1,215

1

```
  59
× 94
------
```

2

```
  54
× 74
------
```

3

```
  81
× 58
------
```

4

```
  28
× 77
------
```

5

```
  95
× 27
------
```

6

```
  29
× 81
------
```

7

```
  79
× 36
------
```

8

```
  41
× 73
------
```

9

```
  77
× 61
------
```

How did we do?

☆ ☆ ☆ ☆ ☆ ☐ Easy ☐ Perfect ☐ Hard

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