

Multiplication • 3-Digit by 3-Digit (Answer)

|    |   |   |   |   |   |   |   |    |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |   |   |
|----|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|---|
| 1  | x |   |   |   | 3 | 3 | 0 | 2  | x |   |   |   |   | 7 | 0 | 6 | 3  | x |   |   |   |   | 4 | 3 | 8 | 4  | x |   |   |   |   | 5 | 4 | 6 |
|    |   |   |   |   | 7 | 0 | 1 |    |   |   |   |   |   | 3 | 5 | 9 |    |   |   |   |   | 2 | 6 | 2 | 8 |    |   |   |   | 3 | 8 | 2 | 2 |   |
|    |   |   |   |   | 3 | 3 | 0 |    |   |   |   |   |   | 6 | 3 | 5 | 4  |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   | 0 |   |
|    |   |   |   |   |   |   | 0 |    |   |   |   |   |   | 3 | 5 | 3 | 0  | 0 |   |   |   |   |   |   |   |    |   |   |   |   |   |   | 0 |   |
|    | + | 2 | 3 | 1 | 0 | 0 | 0 |    | + | 2 | 1 | 1 | 8 | 0 | 0 | 0 |    | + | 1 | 7 | 5 | 2 | 0 | 0 |   | +  | 4 | 9 | 1 | 4 | 0 | 0 |   |   |
|    |   | 2 | 3 | 1 | 3 | 3 | 0 |    |   | 2 | 5 | 3 | 4 | 5 | 4 |   |    | 1 | 7 | 7 | 8 | 2 | 8 |   | 4 | 9  | 5 | 2 | 2 | 2 | 2 |   |   |   |
| 5  | x |   |   |   | 6 | 1 | 3 | 6  | x |   |   |   |   | 8 | 4 | 4 | 7  | x |   |   |   |   | 7 | 0 | 1 | 8  | x |   |   |   |   | 8 | 2 | 6 |
|    |   |   |   |   | 5 | 1 | 5 |    |   |   |   |   |   | 2 | 9 | 5 |    |   |   |   |   | 4 | 1 | 0 |   |    |   |   | 3 | 5 | 1 |   |   |   |
|    |   |   |   |   | 3 | 0 | 6 | 5  |   |   |   |   |   | 4 | 2 | 2 | 0  |   |   |   |   |   |   |   | 0 |    |   |   | 8 | 2 | 6 |   |   |   |
|    |   |   |   |   | 6 | 1 | 3 | 0  |   |   |   |   |   | 7 | 5 | 9 | 6  | 0 |   |   |   |   | 7 | 0 | 1 | 0  |   |   | 4 | 1 | 3 | 0 | 0 |   |
|    | + | 3 | 0 | 6 | 5 | 0 | 0 |    | + | 1 | 6 | 8 | 8 | 0 | 0 | 0 |    | + | 2 | 8 | 0 | 4 | 0 | 0 |   | +  | 2 | 4 | 7 | 8 | 0 | 0 |   |   |
|    |   | 3 | 1 | 5 | 6 | 9 | 5 |    |   | 2 | 4 | 8 | 9 | 8 | 0 |   |    | 2 | 8 | 7 | 4 | 1 | 0 |   | 2 | 8  | 9 | 9 | 2 | 6 |   |   |   |   |
| 9  | x |   |   |   | 3 | 3 | 1 | 10 | x |   |   |   |   | 7 | 6 | 9 | 11 | x |   |   |   |   | 6 | 4 | 2 | 12 | x |   |   |   |   | 5 | 1 | 1 |
|    |   |   |   |   | 4 | 4 | 4 |    |   |   |   |   |   | 4 | 2 | 6 |    |   |   |   |   | 9 | 1 | 9 |   |    |   |   | 9 | 2 | 4 |   |   |   |
|    |   |   |   |   | 1 | 3 | 2 | 4  |   |   |   |   |   | 4 | 6 | 1 | 4  |   |   |   |   | 5 | 7 | 7 | 8 |    |   |   | 2 | 0 | 4 | 4 |   |   |
|    |   |   |   |   | 1 | 3 | 2 | 4  | 0 |   |   |   |   | 1 | 5 | 3 | 8  | 0 |   |   |   | 6 | 4 | 2 | 0 |    |   |   | 1 | 0 | 2 | 2 | 0 |   |
|    | + | 1 | 3 | 2 | 4 | 0 | 0 |    | + | 3 | 0 | 7 | 6 | 0 | 0 | 0 |    | + | 5 | 7 | 7 | 8 | 0 | 0 |   | +  | 4 | 5 | 9 | 9 | 0 | 0 |   |   |
|    |   | 1 | 4 | 6 | 9 | 6 | 4 |    |   | 3 | 2 | 7 | 5 | 9 | 4 |   |    | 5 | 8 | 9 | 9 | 9 | 8 |   | 4 | 7  | 2 | 1 | 6 | 4 |   |   |   |   |
| 13 | x |   |   |   | 6 | 6 | 5 | 14 | x |   |   |   |   | 9 | 9 | 8 | 15 | x |   |   |   |   | 6 | 6 | 5 | 16 | x |   |   |   |   | 9 | 6 | 7 |
|    |   |   |   |   | 9 | 8 | 8 |    |   |   |   |   |   | 1 | 4 | 4 |    |   |   |   |   | 3 | 7 | 2 |   |    |   |   | 4 | 7 | 9 |   |   |   |
|    |   |   |   |   | 5 | 3 | 2 | 0  |   |   |   |   |   | 3 | 9 | 9 | 2  |   |   |   |   | 1 | 3 | 3 | 0 |    |   |   | 8 | 7 | 0 | 3 |   |   |
|    |   |   |   |   | 5 | 3 | 2 | 0  | 0 |   |   |   |   | 3 | 9 | 9 | 2  | 0 |   |   |   | 4 | 6 | 5 | 5 | 0  |   |   | 6 | 7 | 6 | 9 | 0 |   |
|    | + | 5 | 9 | 8 | 5 | 0 | 0 |    | + | 9 | 9 | 8 | 0 | 0 | 0 |   | +  | 1 | 9 | 9 | 5 | 0 | 0 |   | + | 3  | 8 | 6 | 8 | 0 | 0 |   |   |   |
|    |   | 6 | 5 | 7 | 0 | 2 | 0 |    |   | 1 | 4 | 3 | 7 | 1 | 2 |   |    | 2 | 4 | 7 | 3 | 8 | 0 |   | 4 | 6  | 3 | 1 | 9 | 3 |   |   |   |   |
| 17 | x |   |   |   | 5 | 7 | 3 | 18 | x |   |   |   |   | 4 | 8 | 6 | 19 | x |   |   |   |   | 5 | 8 | 6 | 20 | x |   |   |   |   | 8 | 6 | 7 |
|    |   |   |   |   | 3 | 2 | 2 |    |   |   |   |   |   | 8 | 0 | 9 |    |   |   |   |   | 8 | 0 | 3 |   |    |   |   | 1 | 0 | 9 |   |   |   |
|    |   |   |   |   | 1 | 1 | 4 | 6  |   |   |   |   |   | 4 | 3 | 7 | 4  |   |   |   |   | 1 | 7 | 5 | 8 |    |   |   | 7 | 8 | 0 | 3 |   |   |
|    |   |   |   |   | 1 | 1 | 4 | 6  | 0 |   |   |   |   |   |   | 0 |    |   |   |   |   |   |   |   | 0 |    |   |   |   |   |   |   | 0 |   |
|    | + | 1 | 7 | 1 | 9 | 0 | 0 |    | + | 3 | 8 | 8 | 8 | 0 | 0 | 0 |    | + | 4 | 6 | 8 | 8 | 0 | 0 |   | +  | 8 | 6 | 7 | 0 | 0 |   |   |   |
|    |   | 1 | 8 | 4 | 5 | 0 | 6 |    |   | 3 | 9 | 3 | 1 | 7 | 4 |   |    | 4 | 7 | 0 | 5 | 5 | 8 |   | 9 | 4  | 5 | 0 | 3 |   |   |   |   |   |
| 21 | x |   |   |   | 3 | 2 | 2 | 22 | x |   |   |   |   | 2 | 0 | 9 | 23 | x |   |   |   |   | 9 | 3 | 7 | 24 | x |   |   |   |   | 4 | 9 | 6 |
|    |   |   |   |   | 4 | 8 | 5 |    |   |   |   |   |   | 7 | 8 | 1 |    |   |   |   |   | 5 | 5 | 4 |   |    |   |   | 1 | 9 | 9 |   |   |   |
|    |   |   |   |   | 1 | 6 | 1 | 0  |   |   |   |   |   | 2 | 0 | 9 |    |   |   |   |   | 3 | 7 | 4 | 8 |    |   |   | 4 | 4 | 6 | 4 |   |   |
|    |   |   |   |   | 2 | 5 | 7 | 6  | 0 |   |   |   |   | 1 | 6 | 7 | 2  | 0 |   |   |   | 4 | 6 | 8 | 5 | 0  |   |   | 4 | 4 | 6 | 4 | 0 |   |
|    | + | 1 | 2 | 8 | 8 | 0 | 0 |    | + | 1 | 4 | 6 | 3 | 0 | 0 | 0 |    | + | 4 | 6 | 8 | 5 | 0 | 0 |   | +  | 4 | 9 | 6 | 0 | 0 |   |   |   |
|    |   | 1 | 5 | 6 | 1 | 7 | 0 |    |   | 1 | 6 | 3 | 2 | 2 | 9 |   |    | 5 | 1 | 9 | 0 | 9 | 8 |   | 9 | 8  | 7 | 0 | 4 |   |   |   |   |   |
| 25 | x |   |   |   | 8 | 9 | 1 | 26 | x |   |   |   |   | 6 | 5 | 8 | 27 | x |   |   |   |   | 8 | 9 | 3 | 28 | x |   |   |   |   | 4 | 3 | 4 |
|    |   |   |   |   | 1 | 9 | 6 |    |   |   |   |   |   | 4 | 1 | 1 |    |   |   |   |   | 4 | 0 | 4 |   |    |   |   | 1 | 3 | 3 |   |   |   |
|    |   |   |   |   | 5 | 3 | 4 | 6  |   |   |   |   |   | 6 | 5 | 8 |    |   |   |   |   | 3 | 5 | 7 | 2 |    |   |   | 1 | 3 | 0 | 2 |   |   |
|    |   |   |   |   | 8 | 0 | 1 | 9  | 0 |   |   |   |   | 6 | 5 | 8 | 0  |   |   |   |   |   |   |   | 0 |    |   |   | 1 | 3 | 0 | 2 | 0 |   |
|    | + | 8 | 9 | 1 | 0 | 0 | 0 |    | + | 2 | 6 | 3 | 2 | 0 | 0 | 0 |    | + | 3 | 5 | 7 | 2 | 0 | 0 |   | +  | 4 | 3 | 4 | 0 | 0 |   |   |   |
|    |   | 1 | 7 | 4 | 6 | 3 | 6 |    |   | 2 | 7 | 0 | 4 | 3 | 8 |   |    | 3 | 6 | 0 | 7 | 7 | 2 |   | 5 | 7  | 7 | 2 | 2 | 2 |   |   |   |   |
| 29 | x |   |   |   | 4 | 7 | 6 | 30 | x |   |   |   |   | 1 | 6 | 3 | 31 | x |   |   |   |   | 6 | 1 | 4 | 32 | x |   |   |   |   | 8 | 7 | 8 |
|    |   |   |   |   | 3 | 1 | 3 |    |   |   |   |   |   | 5 | 0 | 0 |    |   |   |   |   | 3 | 1 | 0 |   |    |   |   | 9 | 7 | 4 |   |   |   |
|    |   |   |   |   | 1 | 4 | 2 | 8  |   |   |   |   |   |   |   | 0 |    |   |   |   |   |   |   | 0 |   |    |   |   | 3 | 5 | 1 | 2 |   |   |
|    |   |   |   |   | 4 | 7 | 6 | 0  |   |   |   |   |   |   |   | 0 |    |   |   |   |   | 6 | 1 | 4 | 0 |    |   |   | 6 | 1 | 4 | 6 | 0 |   |
|    | + | 1 | 4 | 2 | 8 | 0 | 0 |    | + | 8 | 1 | 5 | 0 | 0 | 0 |   | +  | 1 | 8 | 4 | 2 | 0 | 0 |   | + | 7  | 9 | 0 | 2 | 0 | 0 |   |   |   |
|    |   | 1 | 4 | 8 | 9 | 8 | 8 |    |   | 8 | 1 | 5 | 0 | 0 |   |   | 1  | 9 | 0 | 3 | 4 | 0 |   | 8 | 5 | 5  | 1 | 7 | 2 |   |   |   |   |   |