

3-digit by 3-digit Multiplication on a Grid (A)

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

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3-digit by 3-digit Multiplication on a Grid (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

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| | | 1 | | | |
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| | | 3 | 1 | | |
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| 1 | 2 | 6 | 0 | 0 | 0 |
| 1 | 6 | 3 | 3 | 8 | 0 |

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| | | 6 | 2 | 2 | |
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| | | | 8 | 3 | 3 |
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| | | 7 | 4 | 9 | 7 |
| | 3 | 3 | 3 | 2 | 0 |
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| | | 6 | 7 | 6 | |
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| | × | | 5 | 9 | 9 |
| | | 6 | 1 | 8 | 3 |
| | 6 | 1 | 8 | 3 | 0 |
| 3 | 4 | 3 | 5 | 0 | 0 |
| 4 | 1 | 1 | 5 | 1 | 3 |

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| | | 2 | 2 | 1 | |
| | | | 7 | 7 | 4 |
| | × | | 4 | 8 | 3 |
| | | 2 | 3 | 2 | 2 |
| | 6 | 1 | 9 | 2 | 0 |
| 3 | 0 | 9 | 6 | 0 | 0 |
| 3 | 7 | 3 | 8 | 4 | 2 |

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| | | 1 | 9 | 1 | 5 |
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| | | | 4 | 0 | 2 |
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| | | 2 | 8 | 1 | 4 |
| | 2 | 0 | 1 | 0 | 0 |
| 3 | 6 | 1 | 8 | 0 | 0 |
| 3 | 8 | 4 | 7 | 1 | 4 |

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| | | 5 | 6 | 7 | 6 |
| | 4 | 7 | 3 | 0 | 0 |
| 4 | 7 | 3 | 0 | 0 | 0 |
| 5 | 2 | 5 | 9 | 7 | 6 |

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| | | 3 | 7 | 6 | 8 |
| | | 4 | 7 | 1 | 0 |
| 4 | 2 | 3 | 9 | 0 | 0 |
| 4 | 3 | 2 | 3 | 7 | 8 |

3-digit by 3-digit Multiplication on a Grid (B)

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

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3-digit by 3-digit Multiplication on a Grid (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

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| | | | 3 | 2 | 0 |
| | × | | 4 | 2 | 5 |
| | | 1 | 6 | 0 | 0 |
| | | 6 | 4 | 0 | 0 |
| 1 | 2 | 8 | 0 | 0 | 0 |
| 1 | 3 | 6 | 0 | 0 | 0 |

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| | × | | 2 | 3 | 2 | |
| | | | 6 | 9 | 0 | |
| | | 1 | 0 | 3 | 5 | 0 |
| | | 6 | 9 | 0 | 0 | 0 |
| | | 8 | 0 | 0 | 4 | 0 |

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| | | 1 | 7 | 9 | 1 | |
| | | 1 | 7 | 9 | 1 | 0 |
| 1 | 5 | 9 | 2 | 0 | 0 | |
| 1 | 7 | 8 | 9 | 0 | 1 | |

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| | | 4 | 1 | 4 | | |
| | | 1 | | 1 | | |
| | | 4 | 1 | 4 | | |
| | | | 8 | 3 | 8 | |
| | × | | 5 | 2 | 5 | |
| | | 4 | 1 | 9 | 0 | |
| | | 1 | 6 | 7 | 6 | 0 |
| 4 | 1 | 9 | 0 | 0 | 0 | |
| 4 | 3 | 9 | 9 | 5 | 0 | |

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| | | | 3 | 3 | 4 | |
| | | | 4 | 4 | 5 | |
| | × | | 6 | 3 | 8 | |
| | | | 3 | 5 | 6 | 0 |
| | | 1 | 3 | 3 | 5 | 0 |
| 2 | 6 | 7 | 0 | 0 | 0 | |
| 2 | 8 | 3 | 9 | 1 | 0 | |

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| | | 5 | 6 | 2 | 0 | 0 |
| | | 6 | 7 | 4 | 4 | 0 |

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| | | 1 | 7 | 4 | 6 | 0 |
| 2 | 3 | 2 | 8 | 0 | 0 | |
| 2 | 5 | 0 | 5 | 5 | 1 | |

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| 1 | 1 | 0 | 4 | 0 | 0 | |
| 1 | 5 | 8 | 9 | 7 | 6 | |

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| | | | 3 | 2 | 1 | 2 |
| | | 3 | 2 | 1 | 2 | 0 |
| 6 | 4 | 2 | 4 | 0 | 0 | |
| 6 | 7 | 7 | 7 | 3 | 2 | |

3-digit by 3-digit Multiplication on a Grid (C)

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

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3-digit by 3-digit Multiplication on a Grid (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

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| | | 8 | 5 | 8 | |
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| | | | 9 | 5 | 9 |
| | × | | 7 | 9 | 1 |
| | | | 9 | 5 | 9 |
| | 8 | 6 | 3 | 1 | 0 |
| 6 | 7 | 1 | 3 | 0 | 0 |
| 7 | 5 | 8 | 5 | 6 | 9 |

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| | | 1 | 2 | 1 | |
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| | | 2 | 3 | 1 | |
| | | | 3 | 5 | 2 |
| | × | | 5 | 3 | 7 |
| | | 2 | 4 | 6 | 4 |
| | 1 | 0 | 5 | 6 | 0 |
| 1 | 7 | 6 | 0 | 0 | 0 |
| 1 | 8 | 9 | 0 | 2 | 4 |

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| | | | 1 | 1 | 8 |
| | 1 | 1 | 8 | 0 | |
| 1 | 0 | 6 | 2 | 0 | 0 |
| 1 | 0 | 7 | 4 | 9 | 8 |

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| | | 2 | 1 | 2 | |
| | | | 7 | 3 | 6 |
| | × | | 5 | 8 | 4 |
| | | 2 | 9 | 4 | 4 |
| | 5 | 8 | 8 | 8 | 0 |
| 3 | 6 | 8 | 0 | 0 | 0 |
| 4 | 2 | 9 | 8 | 2 | 4 |

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| | | 5 | 4 | 5 | |
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| 5 | 8 | 1 | 4 | 0 | 0 |
| 5 | 8 | 1 | 4 | 0 | 0 |

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| | | 3 | 1 | 4 | |
| | | | 5 | 1 | 6 |
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| 1 | 0 | 3 | 2 | 0 | 0 |
| 1 | 2 | 7 | 4 | 5 | 2 |

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| | | 4 | 0 | 5 | 5 |
| | 4 | 8 | 6 | 6 | 0 |
| | 8 | 1 | 1 | 0 | 0 |
| 1 | 3 | 3 | 8 | 1 | 5 |

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| | | | 3 | 4 | 5 |
| | 2 | 0 | 7 | 0 | 0 |
| 2 | 4 | 1 | 5 | 0 | 0 |
| 2 | 6 | 2 | 5 | 4 | 5 |

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| | | 1 | 3 | 5 | 5 |
| | | 8 | 1 | 3 | 0 |
| 1 | 3 | 5 | 5 | 0 | 0 |
| 1 | 4 | 4 | 9 | 8 | 5 |

3-digit by 3-digit Multiplication on a Grid (D)

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

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3-digit by 3-digit Multiplication on a Grid (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

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| | | 3 | | | |
| | | 4 | | | |
| | | | 7 | 0 | 0 |
| | × | | 3 | 5 | 7 |
| | | 4 | 9 | 0 | 0 |
| | 3 | 5 | 0 | 0 | 0 |
| 2 | 1 | 0 | 0 | 0 | 0 |
| 2 | 4 | 9 | 9 | 0 | 0 |

| | | | | | |
|----------|----------|----------|----------|----------|----------|
| | | 1 | 3 | | |
| | | 1 | 4 | | |
| | | | 1 | | |
| | | | 1 | 5 | 1 |
| | × | | 7 | 9 | 3 |
| | | | 4 | 5 | 3 |
| | 1 | 3 | 5 | 9 | 0 |
| 1 | 0 | 5 | 7 | 0 | 0 |
| 1 | 1 | 9 | 7 | 4 | 3 |

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|----------|----------|----------|----------|----------|----------|
| | | 2 | | | |
| | | 4 | 1 | 1 | |
| | | 5 | 1 | 2 | |
| | | | 7 | 2 | 3 |
| | × | | 3 | 6 | 8 |
| | | 5 | 7 | 8 | 4 |
| | 4 | 3 | 3 | 8 | 0 |
| 2 | 1 | 6 | 9 | 0 | 0 |
| 2 | 6 | 6 | 0 | 6 | 4 |

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| | | 2 | 5 | 4 | |
| | | 1 | 3 | 2 | |
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| | | | 3 | 8 | 7 |
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| | | | | | 0 |
| | 1 | 5 | 4 | 8 | 0 |
| 2 | 3 | 2 | 2 | 0 | 0 |
| 2 | 4 | 7 | 6 | 8 | 0 |

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| | | 6 | 4 | | |
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| | | 1 | 1 | | |
| | | | 8 | 7 | 1 |
| | × | | 7 | 1 | 2 |
| | | 1 | 7 | 4 | 2 |
| | | 8 | 7 | 1 | 0 |
| 6 | 0 | 9 | 7 | 0 | 0 |
| 6 | 2 | 0 | 1 | 5 | 2 |

| | | | | | |
|----------|----------|----------|----------|----------|----------|
| | | 1 | 2 | 1 | |
| | | 3 | 6 | 4 | |
| | | 2 | 4 | 3 | |
| | | | 4 | 7 | 5 |
| | × | | 3 | 8 | 6 |
| | | 2 | 8 | 5 | 0 |
| | 3 | 8 | 0 | 0 | 0 |
| 1 | 4 | 2 | 5 | 0 | 0 |
| 1 | 8 | 3 | 3 | 5 | 0 |

| | | | | | |
|----------|----------|----------|----------|----------|----------|
| | | 1 | 1 | 1 | |
| | | 4 | 3 | 3 | |
| | | 3 | 2 | 2 | |
| | | | 7 | 5 | 6 |
| | × | | 2 | 6 | 4 |
| | | 3 | 0 | 2 | 4 |
| | 4 | 5 | 3 | 6 | 0 |
| 1 | 5 | 1 | 2 | 0 | 0 |
| 1 | 9 | 9 | 5 | 8 | 4 |

| | | | | | |
|----------|----------|----------|----------|----------|----------|
| | | 2 | 2 | | |
| | | 7 | 6 | | |
| | | | | | |
| | | | 9 | 8 | 0 |
| | × | | 3 | 8 | 0 |
| | | | | | 0 |
| | 7 | 8 | 4 | 0 | 0 |
| 2 | 9 | 4 | 0 | 0 | 0 |
| 3 | 7 | 2 | 4 | 0 | 0 |

| | | | | | |
|----------|----------|----------|----------|----------|----------|
| | | 5 | 6 | 5 | |
| | | 1 | 1 | 1 | |
| | | 2 | 2 | 2 | |
| | | | 6 | 7 | 7 |
| | × | | 8 | 2 | 3 |
| | | 2 | 0 | 3 | 1 |
| | 1 | 3 | 5 | 4 | 0 |
| 5 | 4 | 1 | 6 | 0 | 0 |
| 5 | 5 | 7 | 1 | 7 | 1 |

3-digit by 3-digit Multiplication on a Grid (E)

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

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| | | | 2 | 2 | 3 |
| | × | | 2 | 0 | 6 |
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| | | | | | |
| | | | 5 | 0 | 0 |
| | × | | 2 | 2 | 4 |
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| | | | 2 | 3 | 1 |
| | × | | 7 | 6 | 5 |
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| | | | 9 | 9 | 1 |
| | × | | 7 | 3 | 6 |
| | | | | | |
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| | | | 2 | 4 | 2 |
| | × | | 1 | 6 | 2 |
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| | × | | 5 | 9 | 5 |
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| | × | | 4 | 8 | 3 |
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3-digit by 3-digit Multiplication on a Grid (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

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| | | | | | |
| | | 1 | 1 | 1 | |
| | | | 2 | 2 | 3 |
| | × | | 2 | 0 | 6 |
| | | 1 | 3 | 3 | 8 |
| | | | | | 0 |
| | 4 | 4 | 6 | 0 | 0 |
| | 4 | 5 | 9 | 3 | 8 |

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| | | | 1 | | |
| | | | 1 | | |
| | | | 2 | | |
| | | | 5 | 0 | 0 |
| | × | | 2 | 2 | 4 |
| | | 2 | 0 | 0 | 0 |
| | 1 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 0 | 0 | 0 |
| 1 | 1 | 2 | 0 | 0 | 0 |

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| | | | 1 | 2 | |
| | | | 1 | 1 | |
| | | | 1 | 1 | |
| | | | 2 | 3 | 1 |
| | × | | 7 | 6 | 5 |
| | | 1 | 1 | 5 | 5 |
| | 1 | 3 | 8 | 6 | 0 |
| 1 | 6 | 1 | 7 | 0 | 0 |
| 1 | 7 | 6 | 7 | 1 | 5 |

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|---|---|---|---|---|---|
| | | | 6 | 6 | |
| | | | 2 | 2 | |
| | | | 5 | 5 | |
| | | | 9 | 9 | 1 |
| | × | | 7 | 3 | 6 |
| | | 5 | 9 | 4 | 6 |
| | 2 | 9 | 7 | 3 | 0 |
| 6 | 9 | 3 | 7 | 0 | 0 |
| 7 | 2 | 9 | 3 | 7 | 6 |

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| | | | 1 | 2 | 1 |
| | | | | | |
| | | | 2 | 4 | 2 |
| | × | | 1 | 6 | 2 |
| | | | 4 | 8 | 4 |
| | 1 | 4 | 5 | 2 | 0 |
| 2 | 4 | 2 | 0 | 0 | |
| 3 | 9 | 2 | 0 | 4 | |

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| | | | 7 | | 2 |
| | | | 4 | | 1 |
| | | | 8 | 0 | 3 |
| | × | | 5 | 9 | 5 |
| | | 4 | 0 | 1 | 5 |
| | 7 | 2 | 2 | 7 | 0 |
| 4 | 0 | 1 | 5 | 0 | 0 |
| 4 | 7 | 7 | 7 | 8 | 5 |

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| | | | 2 | | 3 |
| | | | 4 | | 6 |
| | | | 1 | | 2 |
| | | | 6 | 0 | 8 |
| | × | | 4 | 8 | 3 |
| | | 1 | 8 | 2 | 4 |
| | 4 | 8 | 6 | 4 | 0 |
| 2 | 4 | 3 | 2 | 0 | 0 |
| 2 | 9 | 3 | 6 | 6 | 4 |

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| | | | 5 | 6 | 8 |
| | | | 5 | 6 | 8 |
| | | | 5 | 6 | 9 |
| | × | | 1 | 9 | 9 |
| | | 5 | 1 | 2 | 1 |
| | 5 | 1 | 2 | 1 | 0 |
| | 5 | 6 | 9 | 0 | 0 |
| 1 | 1 | 3 | 2 | 3 | 1 |

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| | | | 4 | 6 | 4 |
| | | | 1 | 3 | 2 |
| | | | 2 | 4 | 3 |
| | | | 4 | 7 | 5 |
| | × | | 9 | 4 | 6 |
| | | 2 | 8 | 5 | 0 |
| | 1 | 9 | 0 | 0 | 0 |
| 4 | 2 | 7 | 5 | 0 | 0 |
| 4 | 4 | 9 | 3 | 5 | 0 |

3-digit by 3-digit Multiplication on a Grid (F)

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

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| × | | 4 | 0 | 8 |
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| | | 5 | 6 | 9 |
| × | | 8 | 6 | 3 |
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3-digit by 3-digit Multiplication on a Grid (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

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| | | 3 | 3 | | |
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| | | 6 | 7 | | |
| | | | 7 | 9 | 1 |
| | × | | 4 | 0 | 8 |
| | | 6 | 3 | 2 | 8 |
| | | | | | 0 |
| 3 | 1 | 6 | 4 | 0 | 0 |
| 3 | 2 | 2 | 7 | 2 | 8 |

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| | | 1 | | | |
| | | 2 | | 2 | |
| | | 1 | | | |
| | | | 5 | 1 | 4 |
| | × | | 2 | 5 | 2 |
| | | 1 | 0 | 2 | 8 |
| | | 2 | 5 | 7 | 0 |
| 1 | 0 | 2 | 8 | 0 | 0 |
| 1 | 2 | 9 | 5 | 2 | 8 |

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|---|---|---|---|---|---|
| | | 4 | 5 | 7 | |
| | | 3 | 4 | 5 | |
| | | 1 | 2 | 2 | |
| | | | 5 | 6 | 9 |
| | × | | 8 | 6 | 3 |
| | | 1 | 7 | 0 | 7 |
| | | 3 | 4 | 1 | 4 |
| 4 | 5 | 5 | 2 | 0 | 0 |
| 4 | 9 | 1 | 0 | 4 | 7 |

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| | | 3 | 3 | 4 | |
| | | 3 | 3 | 4 | |
| | | 2 | 2 | 3 | |
| | | | 4 | 4 | 6 |
| | × | | 8 | 8 | 6 |
| | | 2 | 6 | 7 | 6 |
| | | 3 | 5 | 6 | 8 |
| 3 | 5 | 6 | 8 | 0 | 0 |
| 3 | 9 | 5 | 1 | 5 | 6 |

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| | | 1 | | 2 | |
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| | | 1 | | 1 | |
| | | | 5 | 1 | 7 |
| | × | | 3 | 1 | 2 |
| | | 1 | 0 | 3 | 4 |
| | | 5 | 1 | 7 | 0 |
| 1 | 5 | 5 | 1 | 0 | 0 |
| 1 | 6 | 1 | 3 | 0 | 4 |

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|---|---|---|---|---|---|
| | | 5 | 1 | 4 | |
| | | 6 | 2 | 5 | |
| | | 3 | 1 | 3 | |
| | | | 7 | 2 | 6 |
| | × | | 7 | 9 | 5 |
| | | 3 | 6 | 3 | 0 |
| | | 6 | 5 | 3 | 4 |
| 5 | 0 | 8 | 2 | 0 | 0 |
| 5 | 7 | 7 | 1 | 7 | 0 |

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|---|---|---|---|---|---|
| | | 1 | | 1 | |
| | | 3 | 2 | 2 | |
| | | 3 | 2 | 2 | |
| | | | 6 | 4 | 5 |
| | × | | 2 | 5 | 5 |
| | | 3 | 2 | 2 | 5 |
| | | 3 | 2 | 2 | 5 |
| 1 | 2 | 9 | 0 | 0 | 0 |
| 1 | 6 | 4 | 4 | 7 | 5 |

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| | | 2 | | | |
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| | | 2 | | | |
| | | | 6 | 1 | 0 |
| | × | | 4 | 0 | 4 |
| | | 2 | 4 | 4 | 0 |
| | | | | | 0 |
| 2 | 4 | 4 | 0 | 0 | 0 |
| 2 | 4 | 6 | 4 | 4 | 0 |

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| | | 4 | 7 | 7 | |
| | | 4 | 7 | 7 | |
| | | 1 | 2 | 2 | |
| | | | 4 | 7 | 8 |
| | × | | 9 | 9 | 3 |
| | | 1 | 4 | 3 | 4 |
| | | 4 | 3 | 0 | 2 |
| 4 | 3 | 0 | 2 | 0 | 0 |
| 4 | 7 | 4 | 6 | 5 | 4 |

3-digit by 3-digit Multiplication on a Grid (G)

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

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| | | | 2 | 6 | 5 |
| | × | | 4 | 6 | 7 |
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| | | | 2 | 6 | 6 |
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| | | | 2 | 1 | 3 |
| | × | | 3 | 8 | 5 |
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| | | | 6 | 6 | 0 |
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3-digit by 3-digit Multiplication on a Grid (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

| | | | | | |
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| | | 1 | 2 | 2 | |
| | | 1 | 3 | 3 | |
| | | 1 | 4 | 3 | |
| | | | 2 | 6 | 5 |
| | × | | 4 | 6 | 7 |
| | | 1 | 8 | 5 | 5 |
| | 1 | 5 | 9 | 0 | 0 |
| 1 | 0 | 6 | 0 | 0 | 0 |
| 1 | 2 | 3 | 7 | 5 | 5 |

| | | | | | |
|---|---|---|---|---|---|
| | | 1 | 4 | 4 | |
| | | | 1 | 1 | |
| | | 2 | 5 | 4 | |
| | | | 2 | 6 | 6 |
| | × | | 7 | 2 | 8 |
| | | 2 | 1 | 2 | 8 |
| | | 5 | 3 | 2 | 0 |
| 1 | 8 | 6 | 2 | 0 | 0 |
| 1 | 9 | 3 | 6 | 4 | 8 |

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|---|---|---|---|---|---|
| | | | 1 | | |
| | | 1 | 4 | | |
| | | 1 | 4 | | |
| | | | 2 | 8 | 0 |
| | × | | 2 | 6 | 5 |
| | | 1 | 4 | 0 | 0 |
| | 1 | 6 | 8 | 0 | 0 |
| 5 | 6 | 0 | 0 | 0 | 0 |
| 7 | 4 | 2 | 0 | 0 | 0 |

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|--|---|---|---|---|---|
| | | 1 | 1 | 2 | |
| | | 1 | | 1 | |
| | | | 2 | 1 | 3 |
| | × | | 3 | 8 | 5 |
| | | 1 | 0 | 6 | 5 |
| | 1 | 7 | 0 | 4 | 0 |
| | 6 | 3 | 9 | 0 | 0 |
| | 8 | 2 | 0 | 0 | 5 |

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|--|---|---|---|---|---|
| | | | 1 | | |
| | | 1 | 2 | | |
| | | | 2 | 6 | 1 |
| | × | | 1 | 2 | 4 |
| | | 1 | 0 | 4 | 4 |
| | | 5 | 2 | 2 | 0 |
| | 2 | 6 | 1 | 0 | 0 |
| | 3 | 2 | 3 | 6 | 4 |

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|---|---|---|---|---|---|
| | | 2 | 1 | | |
| | | 3 | 1 | | |
| | | 3 | 1 | | |
| | | | 4 | 2 | 0 |
| | × | | 5 | 9 | 8 |
| | | 3 | 3 | 6 | 0 |
| | 3 | 7 | 8 | 0 | 0 |
| 2 | 1 | 0 | 0 | 0 | 0 |
| 2 | 5 | 1 | 1 | 6 | 0 |

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| | | 2 | 2 | | |
| | | 3 | 3 | | |
| | | 2 | 3 | | |
| | | | 3 | 4 | 1 |
| | × | | 7 | 9 | 8 |
| | | 2 | 7 | 2 | 8 |
| | 3 | 0 | 6 | 9 | 0 |
| 2 | 3 | 8 | 7 | 0 | 0 |
| 2 | 7 | 2 | 1 | 1 | 8 |

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| | | 1 | 2 | | |
| | | 1 | 2 | | |
| | | 1 | 2 | | |
| | | | 2 | 4 | 0 |
| | × | | 6 | 6 | 6 |
| | | 1 | 4 | 4 | 0 |
| | 1 | 4 | 4 | 0 | 0 |
| 1 | 4 | 4 | 0 | 0 | 0 |
| 1 | 5 | 9 | 8 | 4 | 0 |

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| | | 3 | 3 | | |
| | | 3 | 3 | | |
| | | 5 | 4 | | |
| | | | 6 | 6 | 0 |
| | × | | 5 | 5 | 8 |
| | | 5 | 2 | 8 | 0 |
| | 3 | 3 | 0 | 0 | 0 |
| 3 | 3 | 0 | 0 | 0 | 0 |
| 3 | 6 | 8 | 2 | 8 | 0 |

3-digit by 3-digit Multiplication on a Grid (H)

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

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| | × | | 7 | 8 | 7 |
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| | | | 2 | 5 | 8 |
| | × | | 6 | 8 | 2 |
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| | × | | 8 | 5 | 2 |
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| | × | | 6 | 7 | 8 |
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| | × | | 2 | 4 | 1 |
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| | | | 9 | 7 | 3 |
| | × | | 4 | 0 | 0 |
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| | | | | | |
| | | | 4 | 7 | 0 |
| | × | | 7 | 9 | 5 |
| | | | | | |
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| | | | | | |
| | | | | | |

3-digit by 3-digit Multiplication on a Grid (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

| | | | | | |
|---|---|---|---|---|---|
| | | 5 | 2 | 5 | |
| | | 6 | 3 | 6 | |
| | | 5 | 2 | 5 | |
| | | | 8 | 3 | 8 |
| | × | | 7 | 8 | 7 |
| | | 5 | 8 | 6 | 6 |
| | 6 | 7 | 0 | 4 | 0 |
| 5 | 8 | 6 | 6 | 0 | 0 |
| 6 | 5 | 9 | 5 | 0 | 6 |

| | | | | | |
|---|---|---|---|---|---|
| | | 1 | 3 | 4 | |
| | | 2 | 4 | 6 | |
| | | | 1 | 1 | |
| | | | 2 | 5 | 8 |
| | × | | 6 | 8 | 2 |
| | | | 5 | 1 | 6 |
| | 2 | 0 | 6 | 4 | 0 |
| 1 | 5 | 4 | 8 | 0 | 0 |
| 1 | 7 | 5 | 9 | 5 | 6 |

| | | | | | |
|---|---|---|---|---|---|
| | | 4 | | 1 | |
| | | 2 | | 1 | |
| | | 1 | | | |
| | | | 5 | 1 | 2 |
| | × | | 8 | 5 | 2 |
| | | 1 | 0 | 2 | 4 |
| | 2 | 5 | 6 | 0 | 0 |
| 4 | 0 | 9 | 6 | 0 | 0 |
| 4 | 3 | 6 | 2 | 2 | 4 |

| | | | | | |
|--|---|---|---|---|---|
| | | 3 | 2 | | |
| | | 1 | 1 | | |
| | | 1 | 1 | | |
| | | | 1 | 6 | 5 |
| | × | | 5 | 2 | 2 |
| | | | 3 | 3 | 0 |
| | | 3 | 3 | 0 | 0 |
| | 8 | 2 | 5 | 0 | 0 |
| | 8 | 6 | 1 | 3 | 0 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | 1 | 3 | 2 | | |
| | | | | | | |
| | | 2 | 5 | 4 | | |
| | | | 3 | 7 | 7 | |
| | × | | 4 | 1 | 7 | |
| | | | 2 | 6 | 3 | 9 |
| | | | 3 | 7 | 7 | 0 |
| 1 | 5 | 0 | 8 | 0 | 0 | |
| 1 | 5 | 7 | 2 | 0 | 9 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | 2 | 4 | 3 | | |
| | | 3 | 5 | 3 | | |
| | | 3 | 6 | 4 | | |
| | | | 4 | 7 | 5 | |
| | × | | 6 | 7 | 8 | |
| | | 3 | 8 | 0 | 0 | |
| | | 3 | 3 | 2 | 5 | 0 |
| 2 | 8 | 5 | 0 | 0 | 0 | |
| 3 | 2 | 2 | 0 | 5 | 0 | |

| | | | | | |
|---|---|---|---|---|---|
| | | 1 | | 1 | |
| | | 2 | 1 | 2 | |
| | | | | | |
| | | | 5 | 4 | 5 |
| | × | | 2 | 4 | 1 |
| | | | 5 | 4 | 5 |
| | 2 | 1 | 8 | 0 | 0 |
| 1 | 0 | 9 | 0 | 0 | 0 |
| 1 | 3 | 1 | 3 | 4 | 5 |

| | | | | | |
|---|---|---|---|---|---|
| | | 3 | 2 | 1 | |
| | | | | | |
| | | | | | |
| | | | 9 | 7 | 3 |
| | × | | 4 | 0 | 0 |
| | | | | | 0 |
| | | | | | 0 |
| 3 | 8 | 9 | 2 | 0 | 0 |
| 3 | 8 | 9 | 2 | 0 | 0 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | 3 | 4 | | | |
| | | 4 | 6 | | | |
| | | 2 | 3 | | | |
| | | | 4 | 7 | 0 | |
| | × | | 7 | 9 | 5 | |
| | | 2 | 3 | 5 | 0 | |
| | | 4 | 2 | 3 | 0 | 0 |
| 3 | 2 | 9 | 0 | 0 | 0 | |
| 3 | 7 | 3 | 6 | 5 | 0 | |

3-digit by 3-digit Multiplication on a Grid (I)

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

| | | | | | |
|--|---|--|---|---|---|
| | | | | | |
| | | | | | |
| | | | 8 | 1 | 2 |
| | × | | 5 | 2 | 8 |
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| | | | | | |
| | | | | | |
| | | | 2 | 8 | 1 |
| | × | | 4 | 2 | 5 |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | 1 | 5 | 6 |
| | × | | 8 | 8 | 6 |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | 4 | 6 | 3 |
| | × | | 5 | 7 | 6 |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | 3 | 9 | 1 |
| | × | | 9 | 4 | 6 |
| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | 8 | 2 | 7 |
| | × | | 1 | 5 | 0 |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | 6 | 7 | 0 |
| | × | | 9 | 9 | 4 |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | 7 | 8 | 6 |
| | × | | 3 | 8 | 0 |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | 6 | 1 | 4 |
| | × | | 2 | 7 | 4 |
| | | | | | |
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| | | | | | |

3-digit by 3-digit Multiplication on a Grid (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

| | | | | | |
|---|---|---|---|---|---|
| | | 4 | | 1 | |
| | | 1 | | | |
| | | 6 | | 1 | |
| | | | 8 | 1 | 2 |
| | × | | 5 | 2 | 8 |
| | | 6 | 4 | 9 | 6 |
| | 1 | 6 | 2 | 4 | 0 |
| 4 | 0 | 6 | 0 | 0 | 0 |
| 4 | 2 | 8 | 7 | 3 | 6 |

| | | | | | |
|---|---|---|---|---|---|
| | | 1 | 3 | | |
| | | | 1 | | |
| | | 1 | 4 | | |
| | | | 2 | 8 | 1 |
| | × | | 4 | 2 | 5 |
| | | 1 | 4 | 0 | 5 |
| | | 5 | 6 | 2 | 0 |
| 1 | 1 | 2 | 4 | 0 | 0 |
| 1 | 1 | 9 | 4 | 2 | 5 |

| | | | | | |
|---|---|---|---|---|---|
| | | 1 | 4 | 4 | |
| | | 1 | 4 | 4 | |
| | | | 3 | 3 | |
| | | | 1 | 5 | 6 |
| | × | | 8 | 8 | 6 |
| | | | 9 | 3 | 6 |
| | 1 | 2 | 4 | 8 | 0 |
| 1 | 2 | 4 | 8 | 0 | 0 |
| 1 | 3 | 8 | 2 | 1 | 6 |

| | | | | | |
|---|---|---|---|---|---|
| | | 2 | 3 | 1 | |
| | | 3 | 4 | 2 | |
| | | 2 | 3 | 1 | |
| | | | 4 | 6 | 3 |
| | × | | 5 | 7 | 6 |
| | | 2 | 7 | 7 | 8 |
| | 3 | 2 | 4 | 1 | 0 |
| 2 | 3 | 1 | 5 | 0 | 0 |
| 2 | 6 | 6 | 6 | 8 | 8 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | 3 | 8 | | | |
| | | 1 | 3 | | | |
| | | 2 | 5 | | | |
| | | | 3 | 9 | 1 | |
| | × | | 9 | 4 | 6 | |
| | | 2 | 3 | 4 | 6 | |
| | | 1 | 5 | 6 | 4 | 0 |
| 3 | 5 | 1 | 9 | 0 | 0 | |
| 3 | 6 | 9 | 8 | 8 | 6 | |

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|---|---|---|---|---|---|
| | | | | | |
| | | 4 | 1 | 3 | |
| | | | | | |
| | | | 8 | 2 | 7 |
| | × | | 1 | 5 | 0 |
| | | | | | 0 |
| | 4 | 1 | 3 | 5 | 0 |
| | 8 | 2 | 7 | 0 | 0 |
| 1 | 2 | 4 | 0 | 5 | 0 |

| | | | | | |
|---|---|---|---|---|---|
| | | 6 | 6 | | |
| | | 6 | 6 | | |
| | | 2 | 2 | | |
| | | | 6 | 7 | 0 |
| | × | | 9 | 9 | 4 |
| | | 2 | 6 | 8 | 0 |
| | 6 | 0 | 3 | 0 | 0 |
| 6 | 0 | 3 | 0 | 0 | 0 |
| 6 | 6 | 5 | 9 | 8 | 0 |

| | | | | | |
|---|---|---|---|---|---|
| | | 2 | 2 | 1 | |
| | | 6 | 6 | 4 | |
| | | | | | |
| | | | 7 | 8 | 6 |
| | × | | 3 | 8 | 0 |
| | | | | | 0 |
| | 6 | 2 | 8 | 8 | 0 |
| 2 | 3 | 5 | 8 | 0 | 0 |
| 2 | 9 | 8 | 6 | 8 | 0 |

| | | | | | |
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| | | 1 | | | |
| | | 4 | | 2 | |
| | | 2 | | 1 | |
| | | | 6 | 1 | 4 |
| | × | | 2 | 7 | 4 |
| | | 2 | 4 | 5 | 6 |
| | 4 | 2 | 9 | 8 | 0 |
| 1 | 2 | 2 | 8 | 0 | 0 |
| 1 | 6 | 8 | 2 | 3 | 6 |

3-digit by 3-digit Multiplication on a Grid (J)

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

| | | | | | |
|--|---|--|---|---|---|
| | | | | | |
| | | | | | |
| | | | 9 | 2 | 7 |
| | × | | 3 | 3 | 2 |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | 7 | 6 | 1 |
| | × | | 5 | 2 | 7 |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | 4 | 7 | 4 |
| | × | | 6 | 0 | 2 |
| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | 7 | 6 | 5 |
| | × | | 4 | 8 | 6 |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | 7 | 2 | 4 |
| | × | | 3 | 4 | 6 |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | 5 | 8 | 6 |
| | × | | 9 | 4 | 0 |
| | | | | | |
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| | | | | | |
| | | | 8 | 4 | 2 |
| | × | | 8 | 3 | 7 |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | 5 | 2 | 8 |
| | × | | 1 | 3 | 0 |
| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | 1 | 5 | 6 |
| | × | | 9 | 5 | 0 |
| | | | | | |
| | | | | | |
| | | | | | |
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| | | | | | |

3-digit by 3-digit Multiplication on a Grid (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each product. Use the grid to help you line up the numbers.

| | | | | | |
|---|---|---|---|---|---|
| | | 2 | | 2 | |
| | | 2 | | 2 | |
| | | 1 | | 1 | |
| | | | 9 | 2 | 7 |
| | × | | 3 | 3 | 2 |
| | | 1 | 8 | 5 | 4 |
| | 2 | 7 | 8 | 1 | 0 |
| 2 | 7 | 8 | 1 | 0 | 0 |
| 3 | 0 | 7 | 7 | 6 | 4 |

| | | | | | |
|---|---|---|---|---|---|
| | | 3 | 3 | | |
| | | 1 | 1 | | |
| | | 5 | 4 | | |
| | | | 7 | 6 | 1 |
| | × | | 5 | 2 | 7 |
| | | 5 | 3 | 2 | 7 |
| | 1 | 5 | 2 | 2 | 0 |
| 3 | 8 | 0 | 5 | 0 | 0 |
| 4 | 0 | 1 | 0 | 4 | 7 |

| | | | | | |
|---|---|---|---|---|---|
| | | 2 | 4 | 2 | |
| | | | | | |
| | | 1 | | | |
| | | | 4 | 7 | 4 |
| | × | | 6 | 0 | 2 |
| | | | 9 | 4 | 8 |
| | | | | | 0 |
| 2 | 8 | 4 | 4 | 0 | 0 |
| 2 | 8 | 5 | 3 | 4 | 8 |

| | | | | | |
|---|---|---|---|---|---|
| | | 3 | 2 | 2 | |
| | | 6 | 5 | 4 | |
| | | 4 | 3 | 3 | |
| | | | 7 | 6 | 5 |
| | × | | 4 | 8 | 6 |
| | | 4 | 5 | 9 | 0 |
| | 6 | 1 | 2 | 0 | 0 |
| 3 | 0 | 6 | 0 | 0 | 0 |
| 3 | 7 | 1 | 7 | 9 | 0 |

| | | | | | |
|---|---|---|---|---|---|
| | | 2 | | 1 | |
| | | 2 | | 1 | |
| | | 4 | 1 | 2 | |
| | | | 7 | 2 | 4 |
| | × | | 3 | 4 | 6 |
| | | 4 | 3 | 4 | 4 |
| | 2 | 8 | 9 | 6 | 0 |
| 2 | 1 | 7 | 2 | 0 | 0 |
| 2 | 5 | 0 | 5 | 0 | 4 |

| | | | | | |
|---|---|---|---|---|---|
| | | 5 | 7 | 5 | |
| | | 2 | 3 | 2 | |
| | | | | | |
| | | | 5 | 8 | 6 |
| | × | | 9 | 4 | 0 |
| | | | | | 0 |
| | 2 | 3 | 4 | 4 | 0 |
| 5 | 2 | 7 | 4 | 0 | 0 |
| 5 | 5 | 0 | 8 | 4 | 0 |

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|---|---|---|---|---|---|
| | | 6 | 3 | 1 | |
| | | 2 | 1 | | |
| | | 5 | 2 | 1 | |
| | | | 8 | 4 | 2 |
| | × | | 8 | 3 | 7 |
| | | 5 | 8 | 9 | 4 |
| | 2 | 5 | 2 | 6 | 0 |
| 6 | 7 | 3 | 6 | 0 | 0 |
| 7 | 0 | 4 | 7 | 5 | 4 |

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| | | | | | |
| | | 1 | | 2 | |
| | | | | | |
| | | | 5 | 2 | 8 |
| | × | | 1 | 3 | 0 |
| | | | | | 0 |
| | 1 | 5 | 8 | 4 | 0 |
| | 5 | 2 | 8 | 0 | 0 |
| | 6 | 8 | 6 | 4 | 0 |

| | | | | | |
|---|---|---|---|---|---|
| | | 1 | 5 | 5 | |
| | | | 2 | 3 | |
| | | | | | |
| | | | 1 | 5 | 6 |
| | × | | 9 | 5 | 0 |
| | | | | | 0 |
| | | 7 | 8 | 0 | 0 |
| 1 | 4 | 0 | 4 | 0 | 0 |
| 1 | 4 | 8 | 2 | 0 | 0 |