

# 4-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.

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  |   | 8 | 8 | 3 | 8 |
|  | × |   | 9 | 2 | 3 |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |

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

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  |   | 3 | 3 | 5 | 0 |
|  | × |   | 3 | 3 | 3 |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |

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

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  |   | 3 | 8 | 8 | 0 |
|  | × |   | 3 | 1 | 1 |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |

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

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  |   | 1 | 3 | 8 | 7 |
|  | × |   | 3 | 3 | 3 |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  |   | 8 | 3 | 2 | 3 |
|  | × |   | 1 | 7 | 6 |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  |   | 8 | 8 | 7 | 4 |
|  | × |   | 9 | 9 | 2 |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |
|  |   |   |   |   |   |

# 4-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.

|          |          |          |          |          |          |          |   |
|----------|----------|----------|----------|----------|----------|----------|---|
|          |          |          | 8        | 8        | 3        | 8        |   |
|          |          | ×        |          | 9        | 2        | 3        |   |
|          |          |          | 2        | 6        | 5        | 1        | 4 |
|          | 1        | 7        | 6        | 7        | 6        | 0        |   |
| 7        | 9        | 5        | 4        | 2        | 0        | 0        |   |
| <b>8</b> | <b>1</b> | <b>5</b> | <b>7</b> | <b>4</b> | <b>7</b> | <b>4</b> |   |

|          |          |          |          |          |          |          |   |
|----------|----------|----------|----------|----------|----------|----------|---|
|          |          |          | 6        | 1        | 0        | 1        |   |
|          |          | ×        |          | 5        | 8        | 4        |   |
|          |          |          | 2        | 4        | 4        | 0        | 4 |
|          | 4        | 8        | 8        | 0        | 8        | 0        |   |
| 3        | 0        | 5        | 0        | 5        | 0        | 0        |   |
| <b>3</b> | <b>5</b> | <b>6</b> | <b>2</b> | <b>9</b> | <b>8</b> | <b>4</b> |   |

|          |          |          |          |          |          |          |   |
|----------|----------|----------|----------|----------|----------|----------|---|
|          |          |          | 3        | 3        | 5        | 0        |   |
|          |          | ×        |          | 3        | 3        | 3        |   |
|          |          |          | 1        | 0        | 0        | 5        | 0 |
|          | 1        | 0        | 0        | 5        | 0        | 0        |   |
| 1        | 0        | 0        | 5        | 0        | 0        | 0        |   |
| <b>1</b> | <b>1</b> | <b>1</b> | <b>5</b> | <b>5</b> | <b>5</b> | <b>0</b> |   |

|          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|
|          |          |          | 8        | 7        | 2        | 2        |
|          |          | ×        |          | 1        | 3        | 0        |
|          |          |          |          | 0        | 0        | 0        |
|          | 2        | 6        | 1        | 6        | 6        | 0        |
| 8        | 7        | 2        | 2        | 0        | 0        |          |
| <b>1</b> | <b>1</b> | <b>3</b> | <b>3</b> | <b>8</b> | <b>6</b> | <b>0</b> |

|          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|
|          |          |          | 3        | 8        | 8        | 0        |
|          |          | ×        |          | 3        | 1        | 1        |
|          |          |          | 3        | 8        | 8        | 0        |
|          | 3        | 8        | 8        | 0        | 0        |          |
| 1        | 1        | 6        | 4        | 0        | 0        | 0        |
| <b>1</b> | <b>2</b> | <b>0</b> | <b>6</b> | <b>6</b> | <b>8</b> | <b>0</b> |

|          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|
|          |          |          | 5        | 3        | 0        | 4        |
|          |          | ×        |          | 2        | 9        | 1        |
|          |          |          | 5        | 3        | 0        | 4        |
|          | 4        | 7        | 7        | 3        | 6        | 0        |
| 1        | 0        | 6        | 0        | 8        | 0        | 0        |
| <b>1</b> | <b>5</b> | <b>4</b> | <b>3</b> | <b>4</b> | <b>6</b> | <b>4</b> |

|          |          |          |          |          |          |   |
|----------|----------|----------|----------|----------|----------|---|
|          |          |          | 1        | 3        | 8        | 7 |
|          |          | ×        |          | 3        | 3        | 3 |
|          |          |          | 4        | 1        | 6        | 1 |
|          | 4        | 1        | 6        | 1        | 0        |   |
| 4        | 1        | 6        | 1        | 0        | 0        |   |
| <b>4</b> | <b>6</b> | <b>1</b> | <b>8</b> | <b>7</b> | <b>1</b> |   |

|          |          |          |          |          |          |          |   |
|----------|----------|----------|----------|----------|----------|----------|---|
|          |          |          | 8        | 3        | 2        | 3        |   |
|          |          | ×        |          | 1        | 7        | 6        |   |
|          |          |          | 4        | 9        | 9        | 3        | 8 |
|          | 5        | 8        | 2        | 6        | 1        | 0        |   |
| 8        | 3        | 2        | 3        | 0        | 0        |          |   |
| <b>1</b> | <b>4</b> | <b>6</b> | <b>4</b> | <b>8</b> | <b>4</b> | <b>8</b> |   |

|          |          |          |          |          |          |          |   |
|----------|----------|----------|----------|----------|----------|----------|---|
|          |          |          | 8        | 8        | 7        | 4        |   |
|          |          | ×        |          | 9        | 9        | 2        |   |
|          |          |          | 1        | 7        | 7        | 4        | 8 |
|          | 7        | 9        | 8        | 6        | 6        | 0        |   |
| 7        | 9        | 8        | 6        | 6        | 0        | 0        |   |
| <b>8</b> | <b>8</b> | <b>0</b> | <b>3</b> | <b>0</b> | <b>0</b> | <b>8</b> |   |