

IP Grid Method: 2 x 1 digit

Example

$16 \times 6 = 96$

| | |
|----------|----|
| X | 6 |
| 10 | 60 |
| 6 | 36 |
| Answer → | 96 |

| | |
|----------|--|
| X | |
| | |
| | |
| Answer → | |

| | |
|----------|--|
| X | |
| | |
| | |
| Answer → | |

| | |
|----------|--|
| X | |
| | |
| | |
| Answer → | |

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|----------|--|
| X | |
| | |
| | |
| Answer → | |

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|----------|--|
| X | |
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| | |
| Answer → | |

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|----------|--|
| X | |
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| | |
| Answer → | |

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|----------|--|
| X | |
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| | |
| Answer → | |

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|----------|--|
| X | |
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| | |
| Answer → | |

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| X | |
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| | |
| Answer → | |

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| X | |
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| Answer → | |

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| X | |
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| | |
| Answer → | |

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|----------|--|
| X | |
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| | |
| Answer → | |

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|----------|--|
| X | |
| | |
| | |
| Answer → | |

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|----------|--|
| X | |
| | |
| | |
| Answer → | |

| | |
|----------|--|
| X | |
| | |
| | |
| Answer → | |

IP Grid Method: 2 x 2 digits

Example

$16 \times 26 = 416$

| | | | |
|----------|-----|-----|------------|
| X | 10 | 6 | Add up ... |
| 20 | 200 | 120 | 320 |
| 6 | 60 | 36 | 96 |
| Answer → | 416 | | |

| | | | |
|----------|--|--|------------|
| X | | | Add up ... |
| | | | |
| | | | |
| Answer → | | | |

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|----------|--|--|------------|
| X | | | Add up ... |
| | | | |
| | | | |
| Answer → | | | |

| | | | |
|----------|--|--|------------|
| X | | | Add up ... |
| | | | |
| | | | |
| Answer → | | | |

| | | | |
|----------|--|--|------------|
| X | | | Add up ... |
| | | | |
| | | | |
| Answer → | | | |

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|----------|--|--|------------|
| X | | | Add up ... |
| | | | |
| | | | |
| Answer → | | | |

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|----------|--|--|------------|
| X | | | Add up ... |
| | | | |
| | | | |
| Answer → | | | |

| | | | |
|----------|--|--|------------|
| X | | | Add up ... |
| | | | |
| | | | |
| Answer → | | | |

| | | | |
|----------|--|--|------------|
| X | | | Add up ... |
| | | | |
| | | | |
| Answer → | | | |

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|----------|--|--|------------|
| X | | | Add up ... |
| | | | |
| | | | |
| Answer → | | | |

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|----------|--|--|------------|
| X | | | Add up ... |
| | | | |
| | | | |
| Answer → | | | |

| | | | |
|----------|--|--|------------|
| X | | | Add up ... |
| | | | |
| | | | |
| Answer → | | | |

IP Grid Method 3 x 1 digit

Example

$163 \times 6 = 978$

| | | | |
|-------------|-----|-----|----|
| X | 100 | 60 | 3 |
| 6 | 600 | 360 | 18 |
| Answer → | 978 | | |

| | | | |
|-------------|--|--|--|
| X | | | |
| | | | |
| Answer → | | | |

| | | | |
|-------------|--|--|--|
| X | | | |
| | | | |
| Answer → | | | |

| | | | |
|-------------|--|--|--|
| X | | | |
| | | | |
| Answer → | | | |

| | | | |
|-------------|--|--|--|
| X | | | |
| | | | |
| Answer → | | | |

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|-------------|--|--|--|
| X | | | |
| | | | |
| Answer → | | | |

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|-------------|--|--|--|
| X | | | |
| | | | |
| Answer → | | | |

| | | | |
|-------------|--|--|--|
| X | | | |
| | | | |
| Answer → | | | |

| | | | |
|-------------|--|--|--|
| X | | | |
| | | | |
| Answer → | | | |

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|-------------|--|--|--|
| X | | | |
| | | | |
| Answer → | | | |

| | | | |
|-------------|--|--|--|
| X | | | |
| | | | |
| Answer → | | | |

| | | | |
|-------------|--|--|--|
| X | | | |
| | | | |
| Answer → | | | |

| | | | |
|-------------|--|--|--|
| X | | | |
| | | | |
| Answer → | | | |

| | | | |
|-------------|--|--|--|
| X | | | |
| | | | |
| Answer → | | | |

| | | | |
|-------------|--|--|--|
| X | | | |
| | | | |
| Answer → | | | |

Example

$163 \times 16 = 2608$

| | | | | |
|----------|------|-----|----|------------|
| X | 100 | 60 | 3 | Add up ... |
| 10 | 1000 | 600 | 30 | 1630 |
| 6 | 600 | 360 | 18 | 978 |
| Answer → | 2608 | | | |

| | | | | |
|----------|--|--|--|------------|
| X | | | | Add up ... |
| | | | | |
| | | | | |
| Answer → | | | | |

| | | | | |
|----------|--|--|--|------------|
| X | | | | Add up ... |
| | | | | |
| | | | | |
| Answer → | | | | |

| | | | | |
|----------|--|--|--|------------|
| X | | | | Add up ... |
| | | | | |
| | | | | |
| Answer → | | | | |

| | | | | |
|----------|--|--|--|------------|
| X | | | | Add up ... |
| | | | | |
| | | | | |
| Answer → | | | | |

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|----------|--|--|--|------------|
| X | | | | Add up ... |
| | | | | |
| | | | | |
| Answer → | | | | |

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|----------|--|--|--|------------|
| X | | | | Add up ... |
| | | | | |
| | | | | |
| Answer → | | | | |

| | | | | |
|----------|--|--|--|------------|
| X | | | | Add up ... |
| | | | | |
| | | | | |
| Answer → | | | | |