

# Short Multiplication

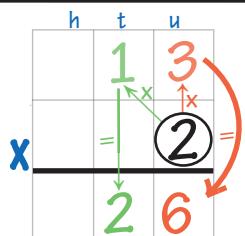
Using the GRID and COLUMN methods.

1

The grid method for  $13 \times 2$

$$10 + 3 = 13$$

|   |                    |                  |
|---|--------------------|------------------|
| x | 10                 | 3                |
| 2 | $10 \times 2 = 20$ | $3 \times 2 = 6$ |



2

|   |  |  |  |
|---|--|--|--|
| x |  |  |  |
|   |  |  |  |

|   |   |   |
|---|---|---|
| h | t | u |
| X |   |   |

3

|   |  |  |  |
|---|--|--|--|
| x |  |  |  |
|   |  |  |  |

|   |   |   |
|---|---|---|
| h | t | u |
| X |   |   |

4

|   |  |  |  |
|---|--|--|--|
| x |  |  |  |
|   |  |  |  |

|   |   |   |
|---|---|---|
| h | t | u |
| X |   |   |

5

|   |  |  |  |
|---|--|--|--|
| x |  |  |  |
|   |  |  |  |

|   |   |   |
|---|---|---|
| h | t | u |
| X |   |   |

6

|   |  |  |  |
|---|--|--|--|
| x |  |  |  |
|   |  |  |  |

|   |   |   |
|---|---|---|
| h | t | u |
| X |   |   |

7

|   |  |  |  |
|---|--|--|--|
| x |  |  |  |
|   |  |  |  |

|   |   |   |
|---|---|---|
| h | t | u |
| X |   |   |

8

|   |  |  |  |
|---|--|--|--|
| x |  |  |  |
|   |  |  |  |

|   |   |   |
|---|---|---|
| h | t | u |
| X |   |   |

9

|   |  |  |  |
|---|--|--|--|
| x |  |  |  |
|   |  |  |  |

|   |   |   |
|---|---|---|
| h | t | u |
| X |   |   |

10

|   |  |  |  |
|---|--|--|--|
| x |  |  |  |
|   |  |  |  |

|   |   |   |
|---|---|---|
| h | t | u |
| X |   |   |

11

|   |  |  |  |
|---|--|--|--|
| x |  |  |  |
|   |  |  |  |

|   |   |   |
|---|---|---|
| h | t | u |
| X |   |   |

12

|   |  |  |  |
|---|--|--|--|
| x |  |  |  |
|   |  |  |  |

|   |   |   |
|---|---|---|
| h | t | u |
| X |   |   |

13

|   |  |  |  |
|---|--|--|--|
| x |  |  |  |
|   |  |  |  |

|   |   |   |
|---|---|---|
| h | t | u |
| X |   |   |

14

|   |  |  |  |
|---|--|--|--|
| x |  |  |  |
|   |  |  |  |

|   |   |   |
|---|---|---|
| h | t | u |
| X |   |   |