Lattice Multiplication (J)
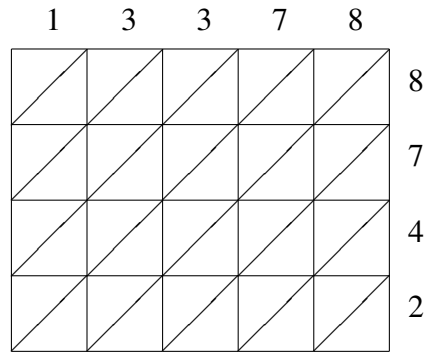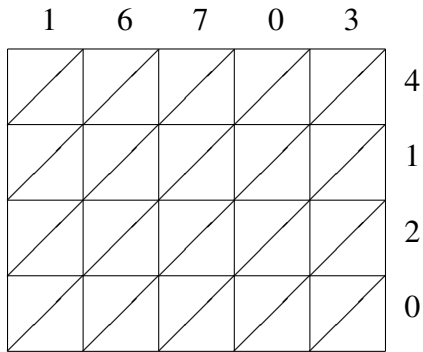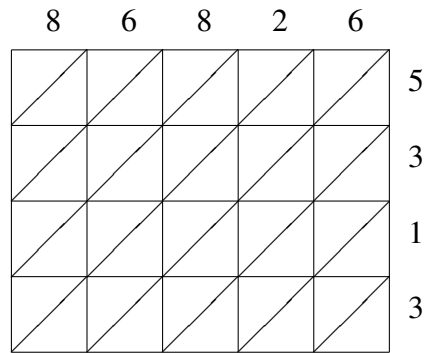
Use lattice multiplication to find each product.

```
   1   6   7   0   3
  ┌───┬───┬───┬───┬───┐
  │╱  │╱  │╱  │╱  │╱  │ 4
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 1
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 2
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 0
  └───┴───┴───┴───┴───┘
```

$16703 \times 4120 =$ _____

```
   6   0   6   3   2
  ┌───┬───┬───┬───┬───┐
  │╱  │╱  │╱  │╱  │╱  │ 8
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 8
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 4
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 5
  └───┴───┴───┴───┴───┘
```

$60632 \times 8845 =$ _____

```
   8   8   7   2   8
  ┌───┬───┬───┬───┬───┐
  │╱  │╱  │╱  │╱  │╱  │ 5
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 2
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 7
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 6
  └───┴───┴───┴───┴───┘
```

$88728 \times 5276 =$ _____

```
   1   3   3   7   8
  ┌───┬───┬───┬───┬───┐
  │╱  │╱  │╱  │╱  │╱  │ 8
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 7
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 4
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 2
  └───┴───┴───┴───┴───┘
```

$13378 \times 8742 =$ _____

```
   8   6   8   2   6
  ┌───┬───┬───┬───┬───┐
  │╱  │╱  │╱  │╱  │╱  │ 5
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 3
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 1
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 3
  └───┴───┴───┴───┴───┘
```

$86826 \times 5313 =$ _____

```
   5   9   1   2   9
  ┌───┬───┬───┬───┬───┐
  │╱  │╱  │╱  │╱  │╱  │ 9
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 1
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 0
  ├───┼───┼───┼───┼───┤
  │╱  │╱  │╱  │╱  │╱  │ 9
  └───┴───┴───┴───┴───┘
```
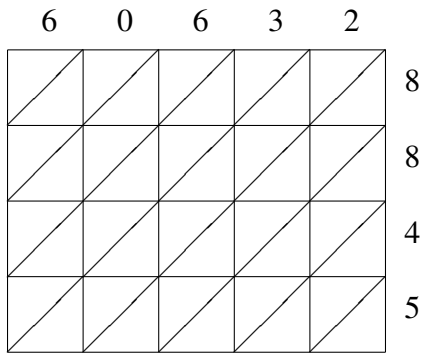
$59129 \times 9109 =$ _____

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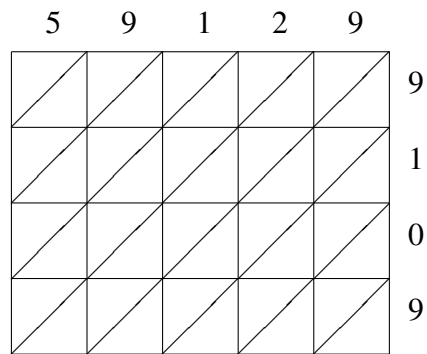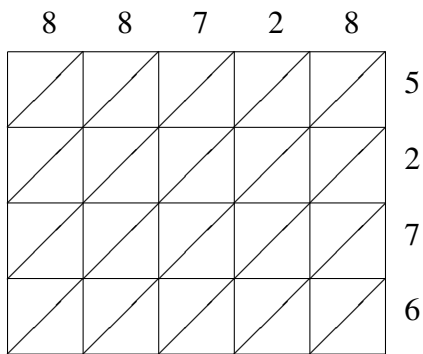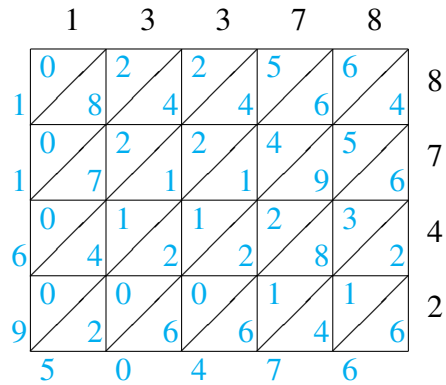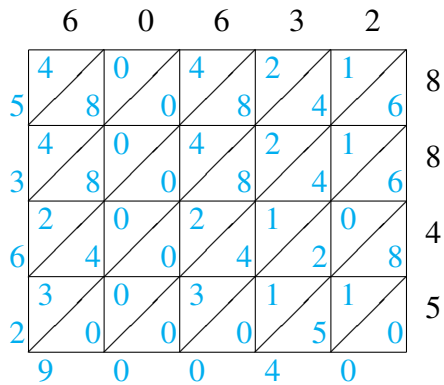# Lattice Multiplication (J) Answers

Use lattice multiplication to find each product.
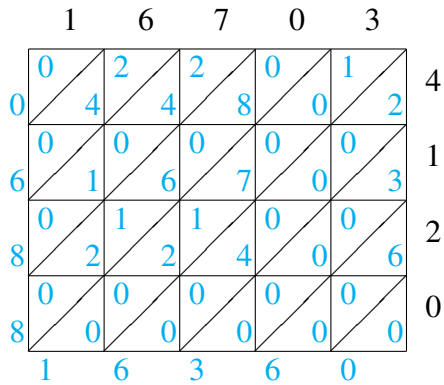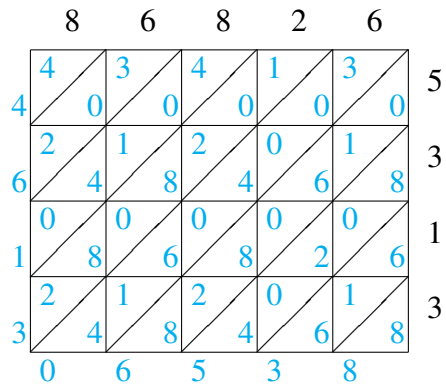
$16703 \times 4120 = 68,816,360$
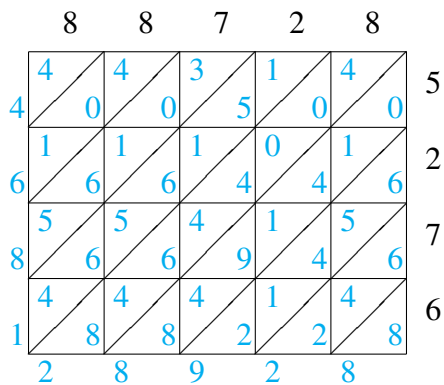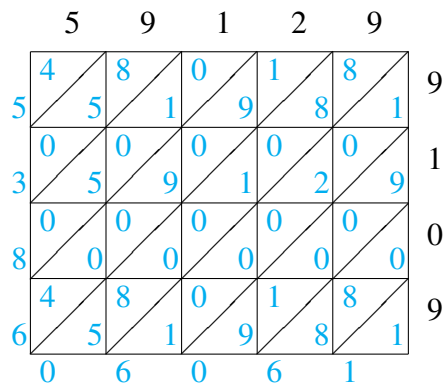
$13378 \times 8742 = 116,950,476$

$60632 \times 8845 = 536,290,040$

$86826 \times 5313 = 461,306,538$

$88728 \times 5276 = 468,128,928$

$59129 \times 9109 = 538,606,061$

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