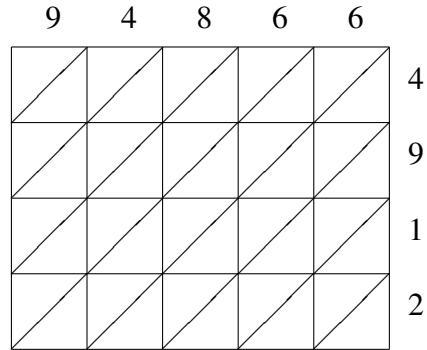# Lattice Multiplication (A)
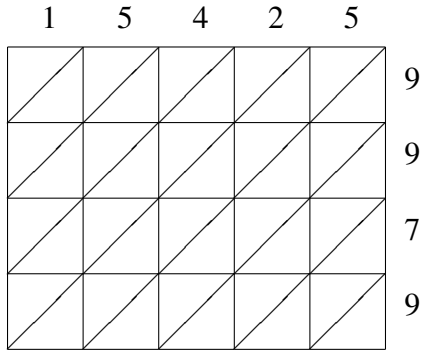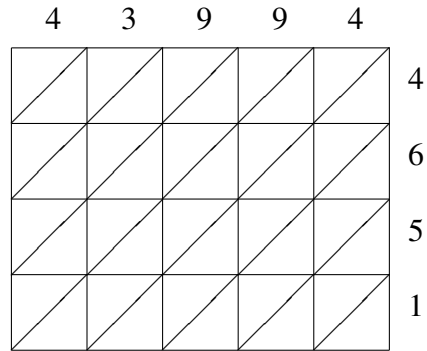
Use lattice multiplication to find each product.

1	5	4	2	5

9
9
7
9

9	4	8	6	6

4
9
1
2

$15425 \times 9979 =$ _____

$94866 \times 4912 =$ _____

5	0	4	2	9

9
0
8
3

4	3	9	9	4

4
6
5
1

$50429 \times 9083 =$ _____

$43994 \times 4651 =$ _____

6	6	0	2	4

9
5
5
5

7	2	6	7	4

8
5
1
7

$66024 \times 9555 =$ _____

$72674 \times 8517 =$ _____

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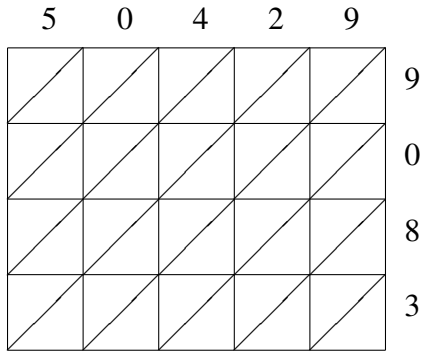
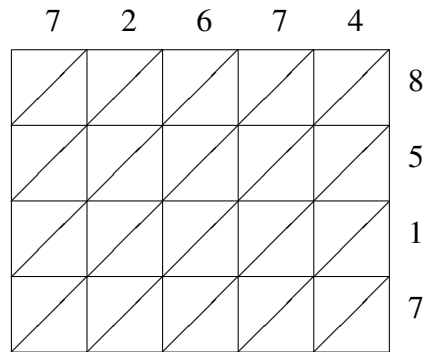# Lattice Multiplication (A) Answers

Use lattice multiplication to find each product.
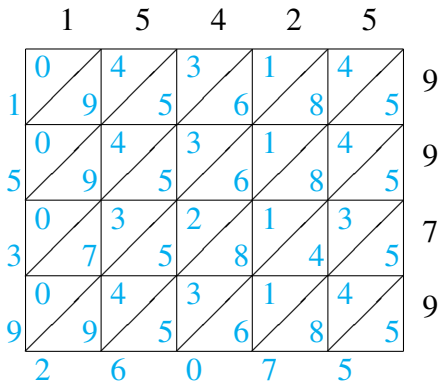
$15425 \times 9979 = 153,926,075$

$94866 \times 4912 = 465,981,792$

$50429 \times 9083 = 458,046,607$

$43994 \times 4651 = 204,616,094$

$66024 \times 9555 = 630,859,320$

$72674 \times 8517 = 618,964,458$

Lattice Multiplication (B)
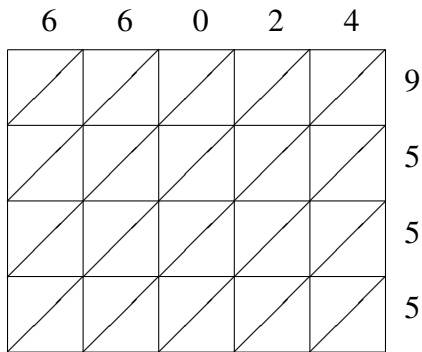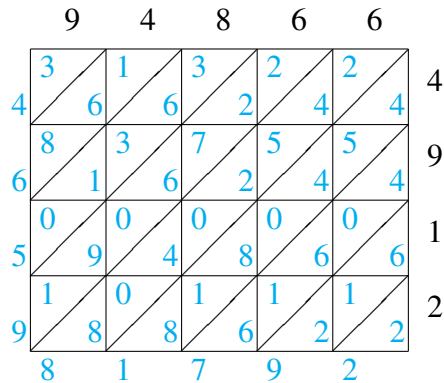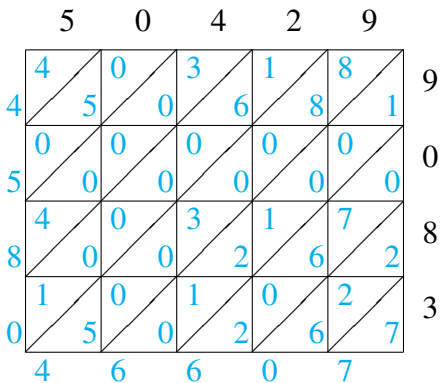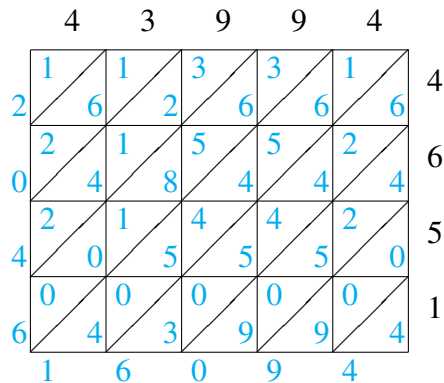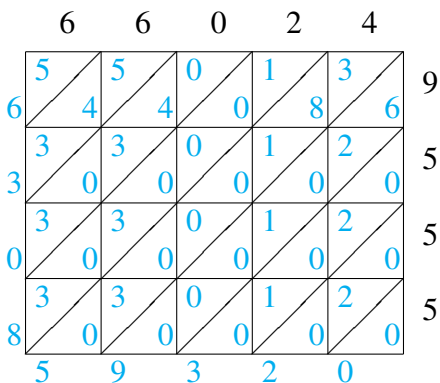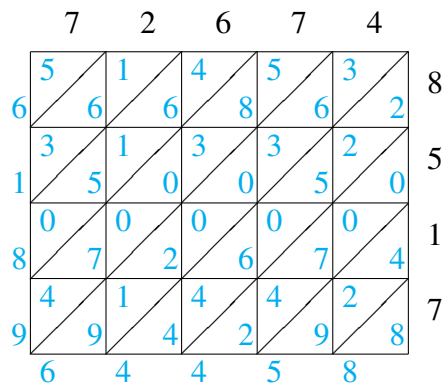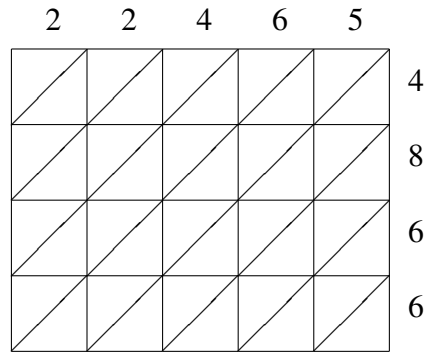
Use lattice multiplication to find each product.
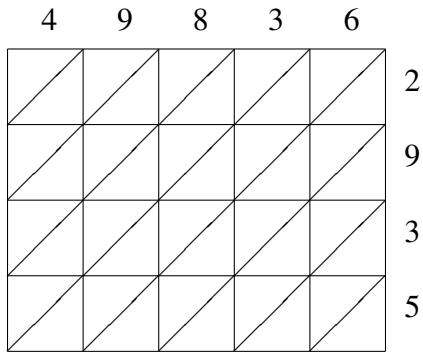
4 9 8 3 6
2
9
3
5

2 2 4 6 5
4
8
6
6

$49836 \times 2935 =$ _____

$22465 \times 4866 =$ _____

5 8 4 5 4
7
3
7
4

6 1 0 6 2
9
8
6
0

$58454 \times 7374 =$ _____

$61062 \times 9860 =$ _____

5 3 1 7 0
4
0
8
9

6 3 7 6 0
5
0
1
4

$53170 \times 4089 =$ _____

$63760 \times 5014 =$ _____

Math-Drills.com
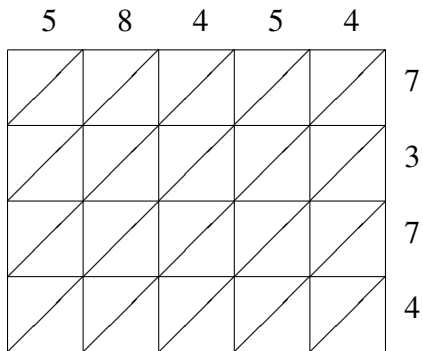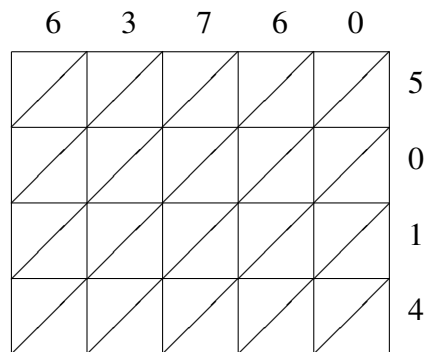
Lattice Multiplication (B) Answers

Use lattice multiplication to find each product.
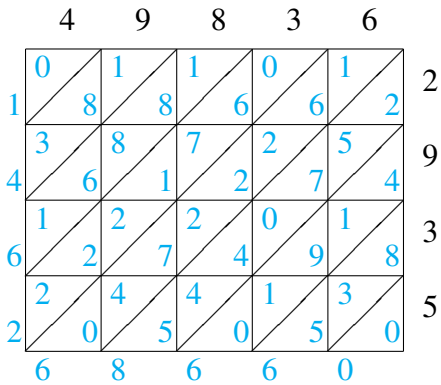
$49836 \times 2935 = 146,268,660$

$22465 \times 4866 = 109,314,690$

$58454 \times 7374 = 431,039,796$

$61062 \times 9860 = 602,071,320$

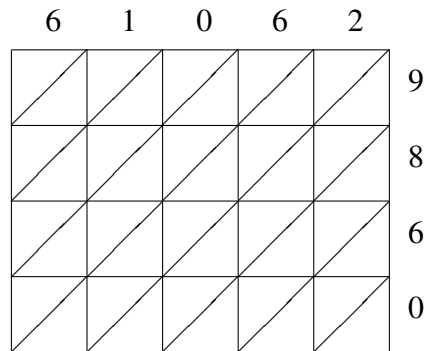$53170 \times 4089 = 217,412,130$

$63760 \times 5014 = 319,692,640$

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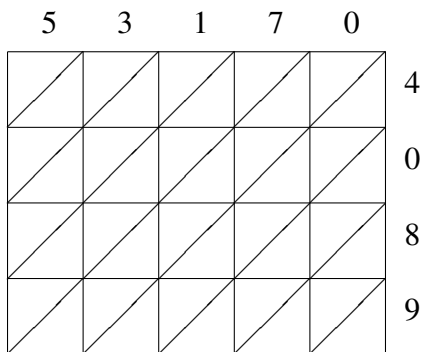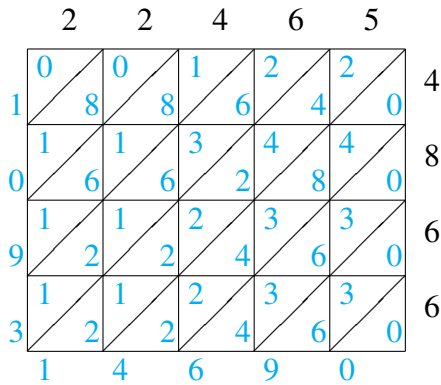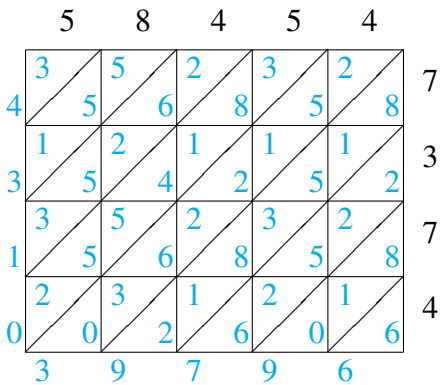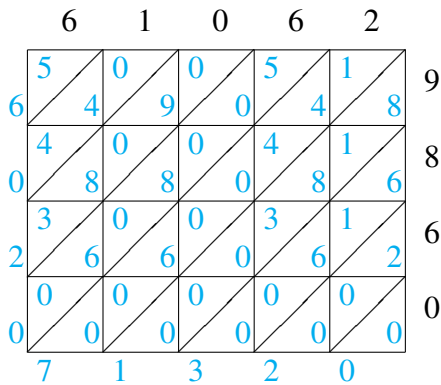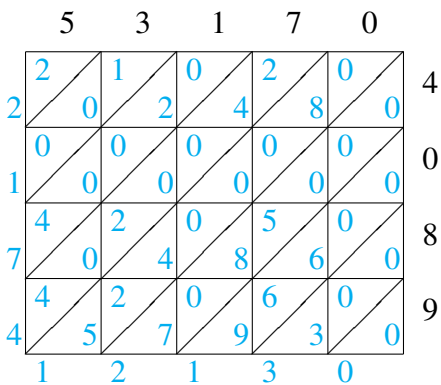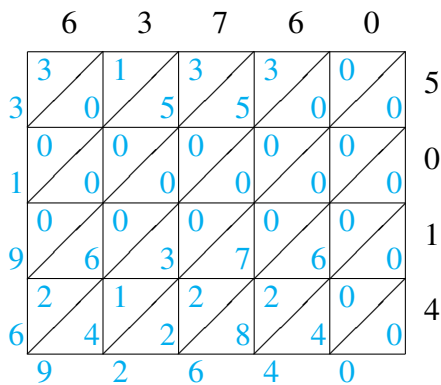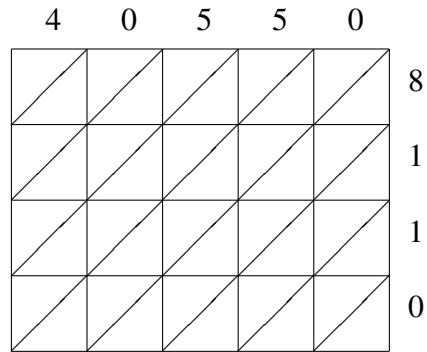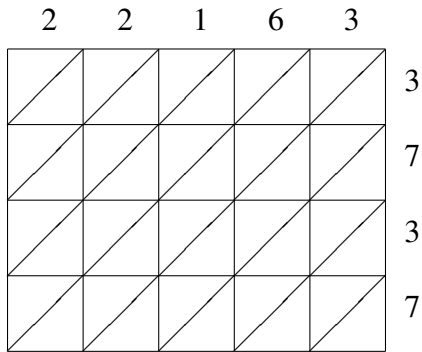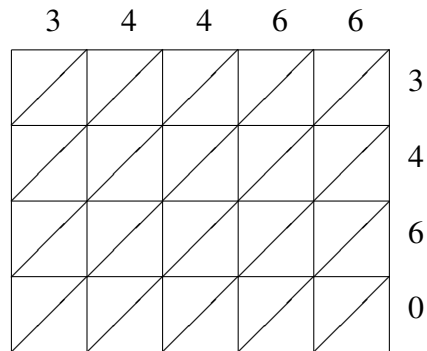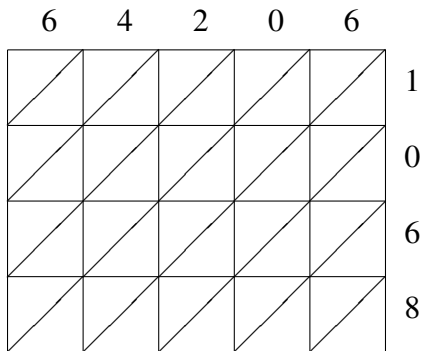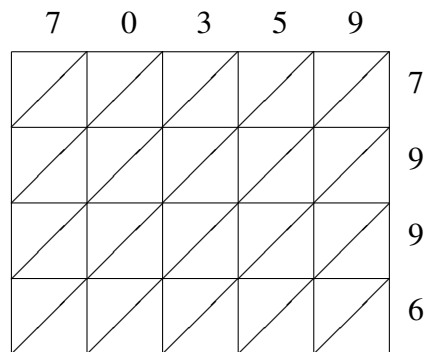
Use lattice multiplication to find each product.

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

$22163 \times 3737 = $ _____

```
    4   0   5   5   0
  ┌───┬───┬───┬───┬───┐
  │ / │ / │ / │ / │ / │ 8
  ├───┼───┼───┼───┼───┤
  │ / │ / │ / │ / │ / │ 1
  ├───┼───┼───┼───┼───┤
  │ / │ / │ / │ / │ / │ 1
  ├───┼───┼───┼───┼───┤
  │ / │ / │ / │ / │ / │ 0
  └───┴───┴───┴───┴───┘
```

$40550 \times 8110 = $ _____

```
    6   4   2   0   6
  ┌───┬───┬───┬───┬───┐
  │ / │ / │ / │ / │ / │ 1
  ├───┼───┼───┼───┼───┤
  │ / │ / │ / │ / │ / │ 0
  ├───┼───┼───┼───┼───┤
  │ / │ / │ / │ / │ / │ 6
  ├───┼───┼───┼───┼───┤
  │ / │ / │ / │ / │ / │ 8
  └───┴───┴───┴───┴───┘
```

$64206 \times 1068 = $ _____

```
    3   4   4   6   6
  ┌───┬───┬───┬───┬───┐
  │ / │ / │ / │ / │ / │ 3
  ├───┼───┼───┼───┼───┤
  │ / │ / │ / │ / │ / │ 4
  ├───┼───┼───┼───┼───┤
  │ / │ / │ / │ / │ / │ 6
  ├───┼───┼───┼───┼───┤
  │ / │ / │ / │ / │ / │ 0
  └───┴───┴───┴───┴───┘
```

$34466 \times 3460 = $ _____

```
    5   4   0   7   1
  ┌───┬───┬───┬───┬───┐
  │ / │ / │ / │ / │ / │ 1
  ├───┼───┼───┼───┼───┤
  │ / │ / │ / │ / │ / │ 5
  ├───┼───┼───┼───┼───┤
  │ / │ / │ / │ / │ / │ 3
  ├───┼───┼───┼───┼───┤
  │ / │ / │ / │ / │ / │ 2
  └───┴───┴───┴───┴───┘
```

$54071 \times 1532 = $ _____

```
    7   0   3   5   9
  ┌───┬───┬───┬───┬───┐
  │ / │ / │ / │ / │ / │ 7
  ├───┼───┼───┼───┼───┤
  │ / │ / │ / │ / │ / │ 9
  ├───┼───┼───┼───┼───┤
  │ / │ / │ / │ / │ / │ 9
  ├───┼───┼───┼───┼───┤
  │ / │ / │ / │ / │ / │ 6
  └───┴───┴───┴───┴───┘
```

$70359 \times 7996 = $ _____

Lattice Multiplication (C) Answers

Use lattice multiplication to find each product.
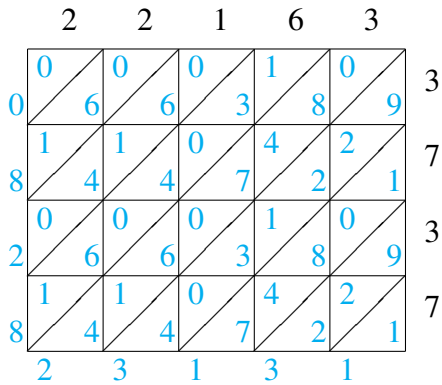
$22163 \times 3737 = 82,823,131$

$40550 \times 8110 = 328,860,500$

$64206 \times 1068 = 68,572,008$

$34466 \times 3460 = 119,252,360$

$54071 \times 1532 = 82,836,772$

$70359 \times 7996 = 562,590,564$

Lattice Multiplication (D)

Use lattice multiplication to find each product.
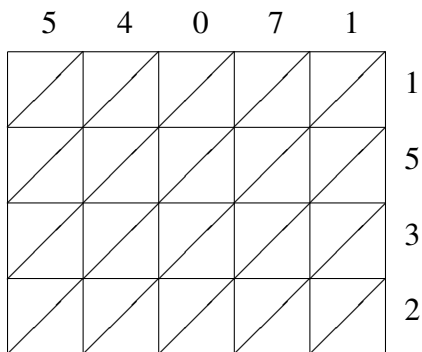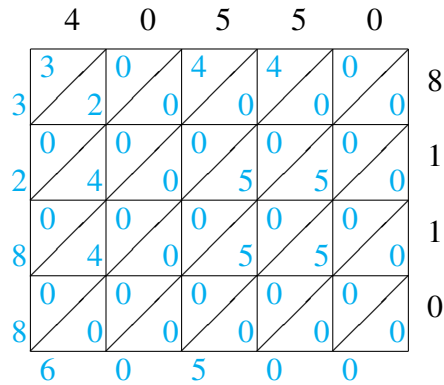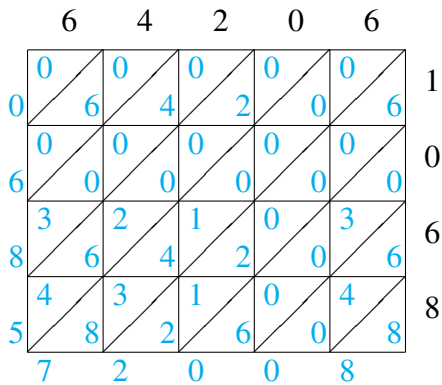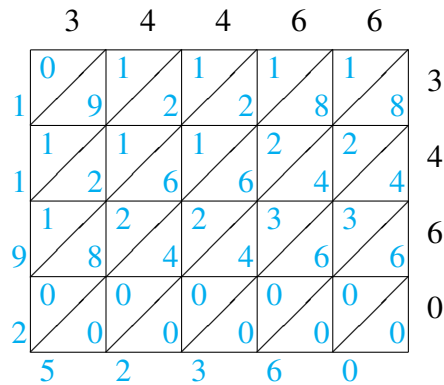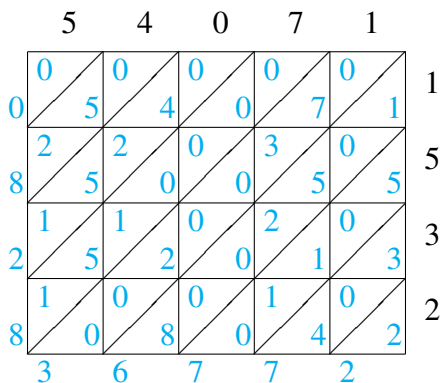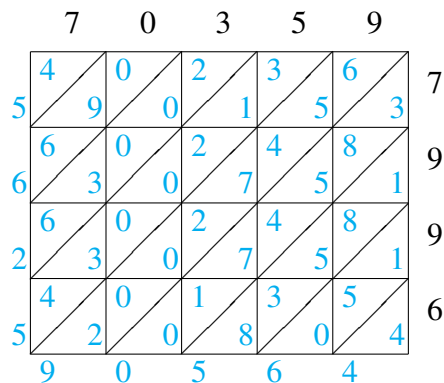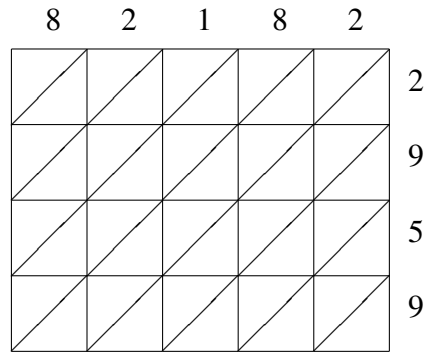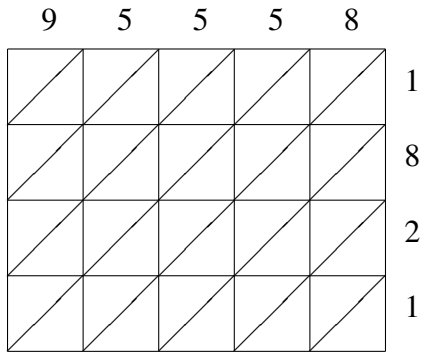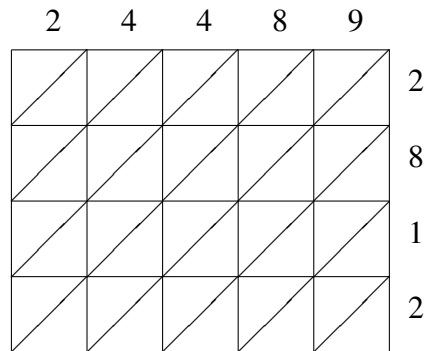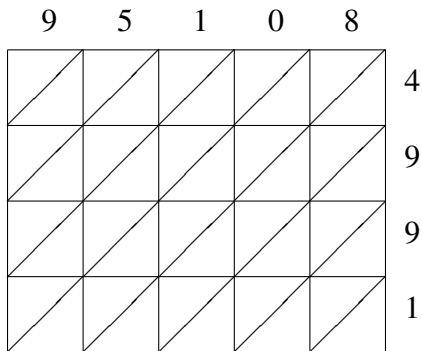
$95558 \times 1821 =$ _____

$82182 \times 2959 =$ _____
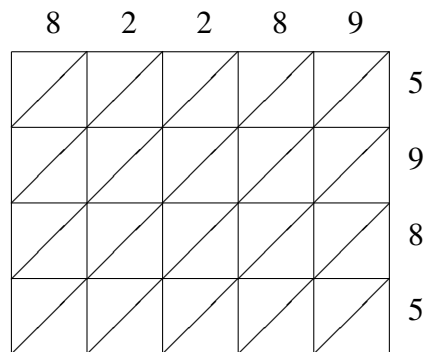
$95108 \times 4991 =$ _____

$24489 \times 2812 =$ _____

$98506 \times 6652 =$ _____

$82289 \times 5985 =$ _____

Lattice Multiplication (D) Answers

Use lattice multiplication to find each product.
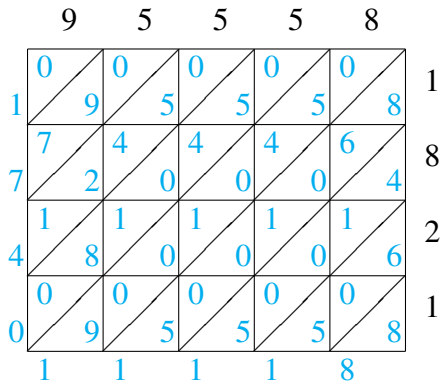
$95558 \times 1821 = 174{,}011{,}118$

$82182 \times 2959 = 243{,}176{,}538$

$95108 \times 4991 = 474{,}684{,}028$

$24489 \times 2812 = 68{,}863{,}068$

$98506 \times 6652 = 655{,}261{,}912$

$82289 \times 5985 = 492{,}499{,}665$

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Lattice Multiplication (E)

Use lattice multiplication to find each product.
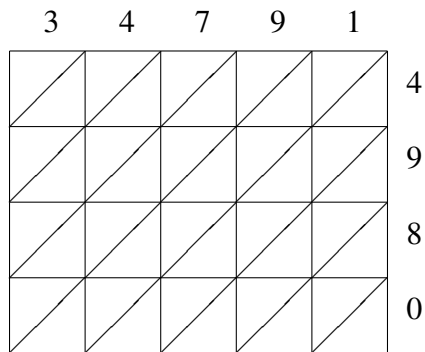
```
   3   4   7   9   1
 ┌───┬───┬───┬───┬───┐
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 4
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 9
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 8
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 0
 └───┴───┴───┴───┴───┘
```

```
   8   5   3   1   0
 ┌───┬───┬───┬───┬───┐
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 6
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 2
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 2
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 0
 └───┴───┴───┴───┴───┘
```

$34791 \times 4980 =$ _____

$85310 \times 6220 =$ _____

```
   4   9   8   2   6
 ┌───┬───┬───┬───┬───┐
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 2
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 5
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 0
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 3
 └───┴───┴───┴───┴───┘
```

```
   4   5   5   6   6
 ┌───┬───┬───┬───┬───┐
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 1
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 5
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 4
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 0
 └───┴───┴───┴───┴───┘
```

$49826 \times 2503 =$ _____

$45566 \times 1540 =$ _____

```
   4   2   2   9   2
 ┌───┬───┬───┬───┬───┐
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 5
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 1
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 4
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 5
 └───┴───┴───┴───┴───┘
```

```
   7   9   2   7   7
 ┌───┬───┬───┬───┬───┐
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 9
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 3
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 4
 ├───┼───┼───┼───┼───┤
 │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 6
 └───┴───┴───┴───┴───┘
```

$42292 \times 5145 =$ _____

$79277 \times 9346 =$ _____

Math-Drills.com
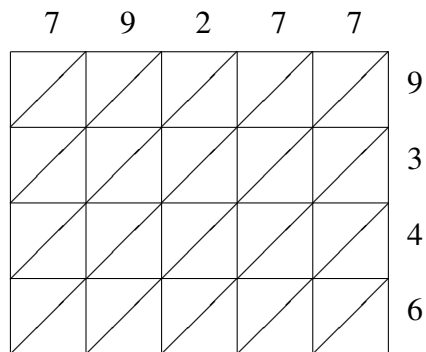
Lattice Multiplication (E) Answers

Use lattice multiplication to find each product.
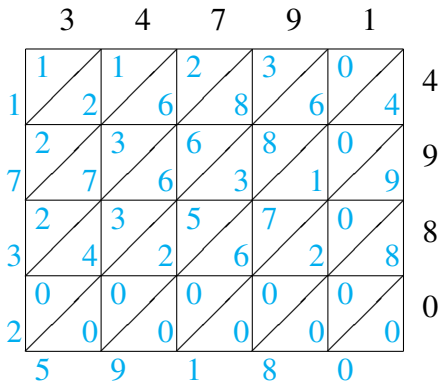
$34791 \times 4980 = 173,259,180$

$85310 \times 6220 = 530,628,200$

$49826 \times 2503 = 124,714,478$

$45566 \times 1540 = 70,171,640$

$42292 \times 5145 = 217,592,340$

$79277 \times 9346 = 740,922,842$

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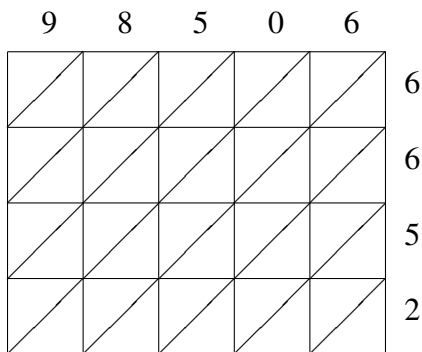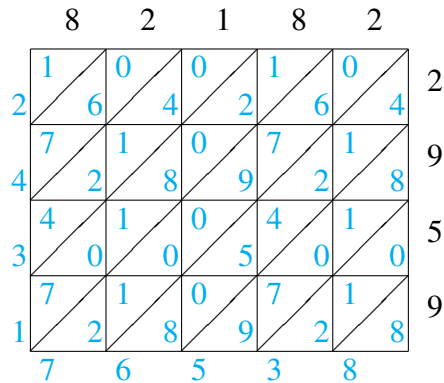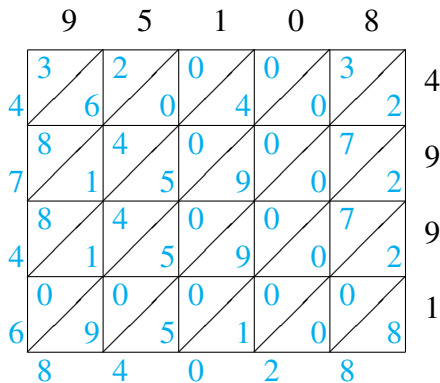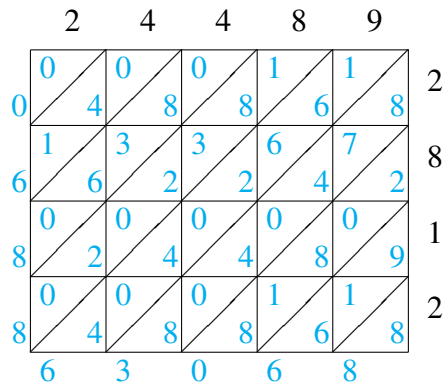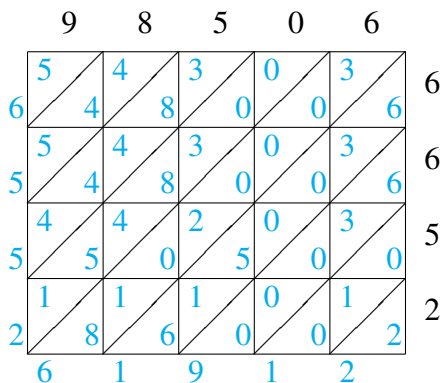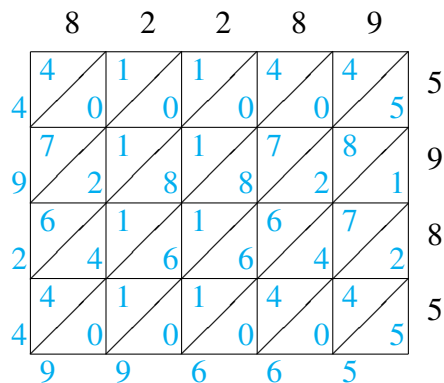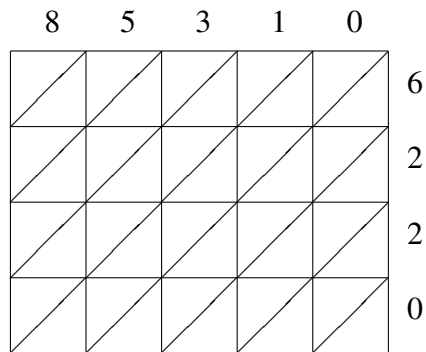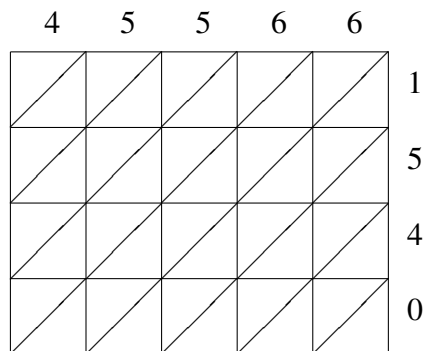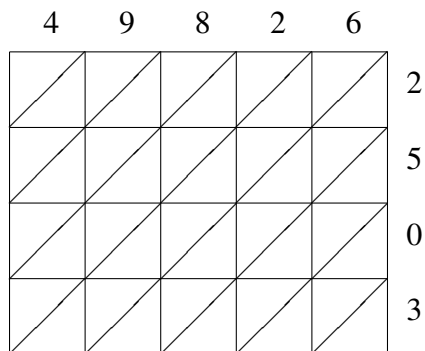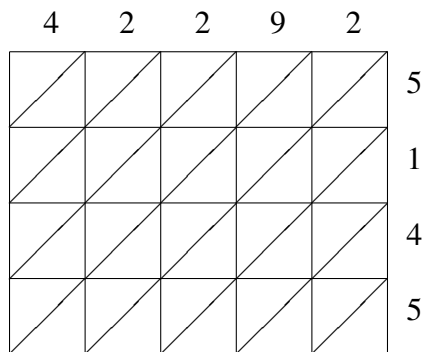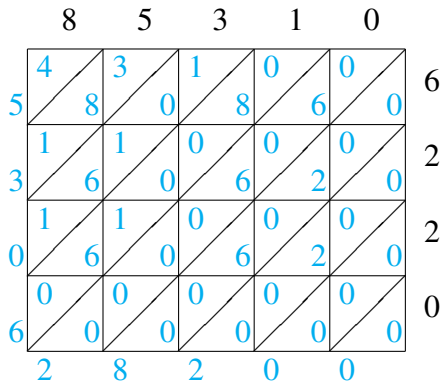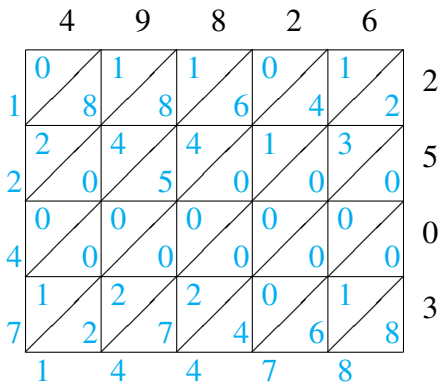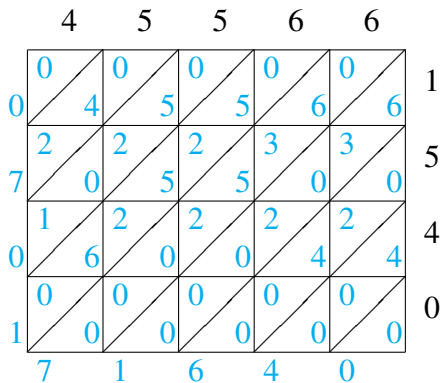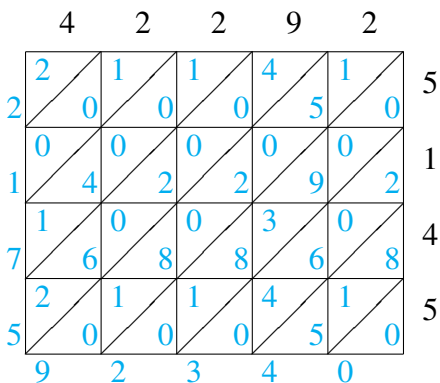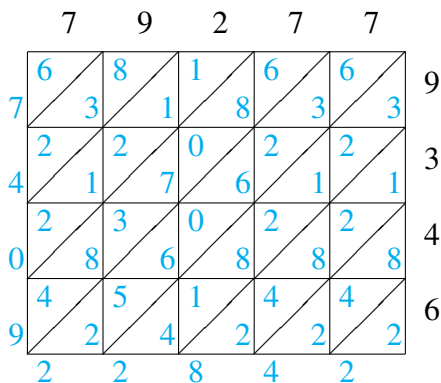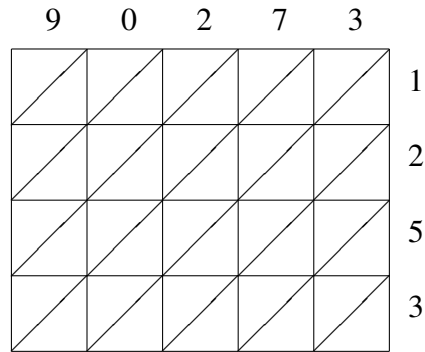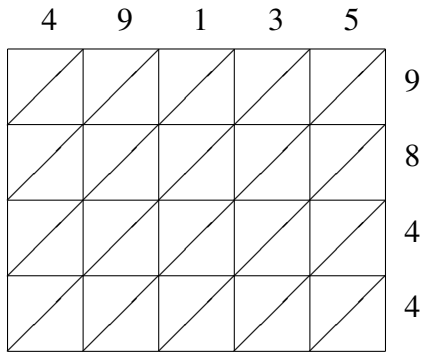
Use lattice multiplication to find each product.

4 9 1 3 5

9

8

4

4

$49135 \times 9844 =$ _____

9 0 2 7 3

1

2

5

3

$90273 \times 1253 =$ _____

4 4 5 1 9

3

9

0

3

$44519 \times 3903 =$ _____

3 8 4 3 2

6

1

8

7

$38432 \times 6187 =$ _____

2 5 7 3 4

4

5

1

4

$25734 \times 4514 =$ _____

1 6 3 6 3

4

7

5

6

$16363 \times 4756 =$ _____

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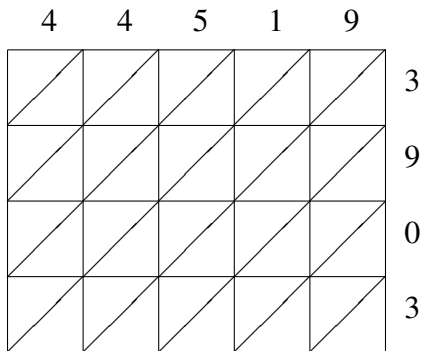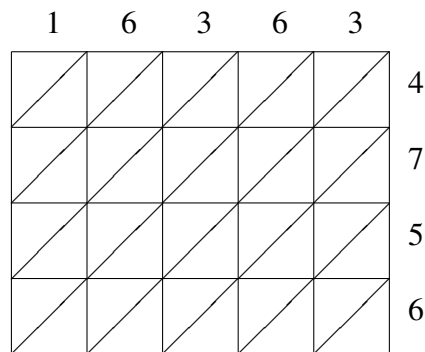
Lattice Multiplication (F) Answers

Use lattice multiplication to find each product.
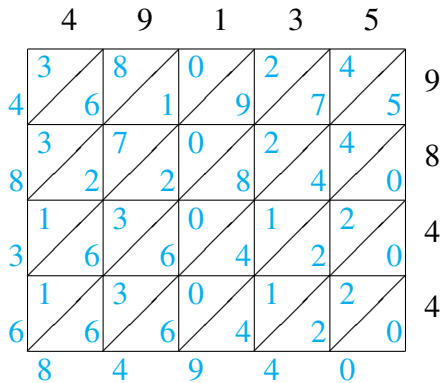
$49135 \times 9844 = 483,684,940$

$90273 \times 1253 = 113,112,069$
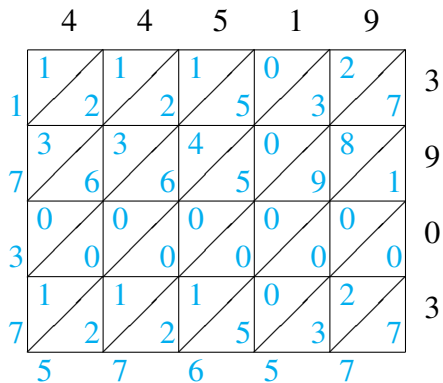
$44519 \times 3903 = 173,757,657$
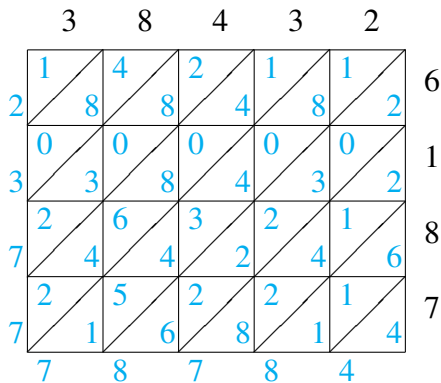
$38432 \times 6187 = 237,778,784$
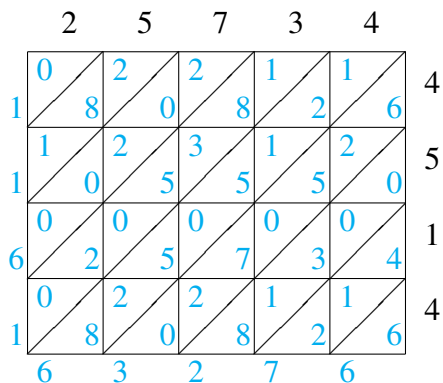
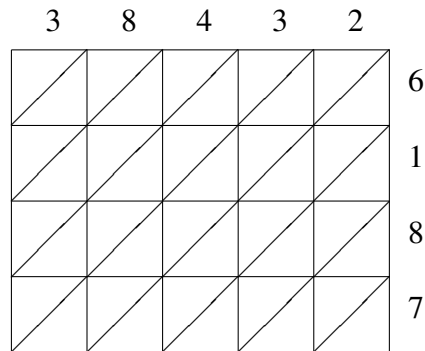$25734 \times 4514 = 116,163,276$
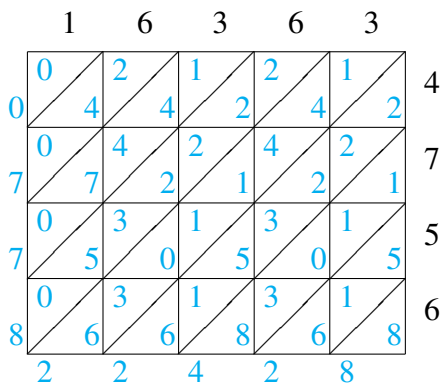
$16363 \times 4756 = 77,822,428$

Lattice Multiplication (G)
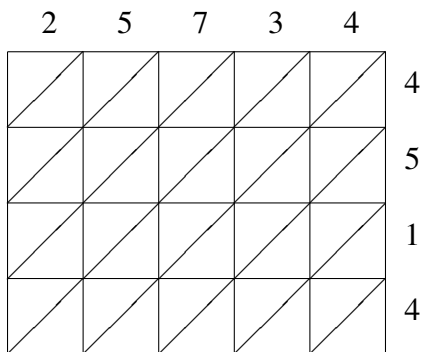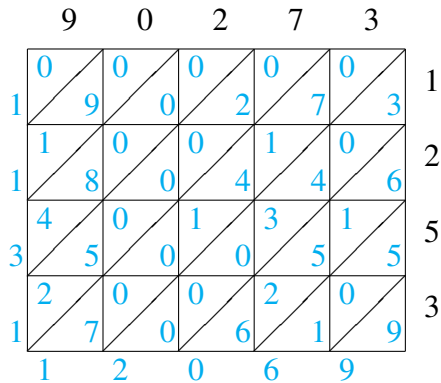
Use lattice multiplication to find each product.
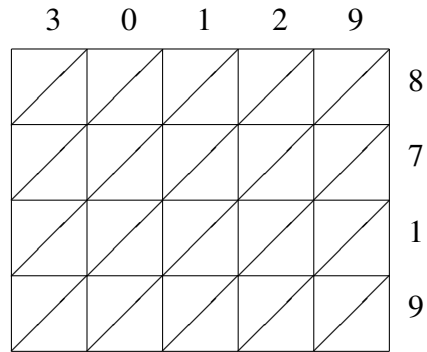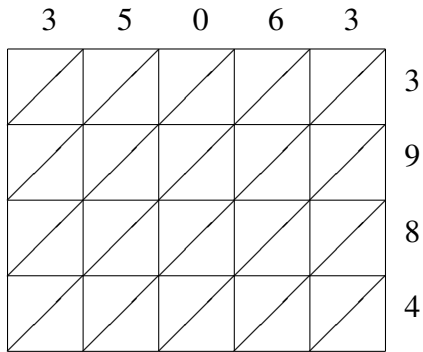
3 5 0 6 3 — 3 9 8 4

35063 × 3984 = _____

3 0 1 2 9 — 8 7 1 9

30129 × 8719 = _____

6 7 5 1 4 — 1 9 8 1

67514 × 1981 = _____

9 2 4 1 3 — 5 5 9 0

92413 × 5590 = _____

7 5 6 2 7 — 4 3 8 7

75627 × 4387 = _____

3 7 1 7 1 — 9 5 4 1

37171 × 9541 = _____

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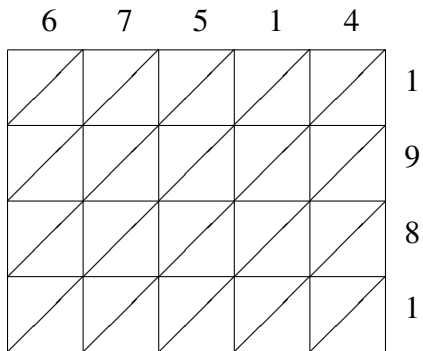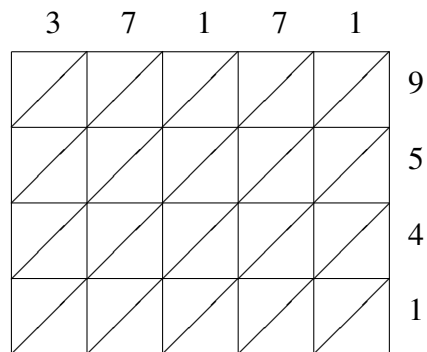
Lattice Multiplication (G) Answers

Use lattice multiplication to find each product.
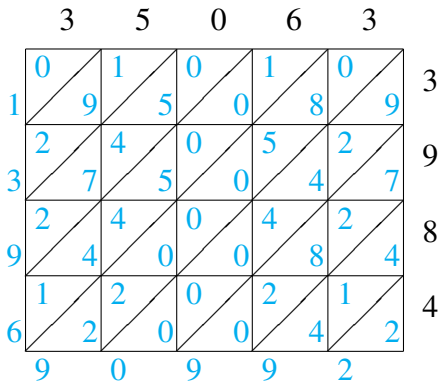
$35063 \times 3984 = 139{,}690{,}992$
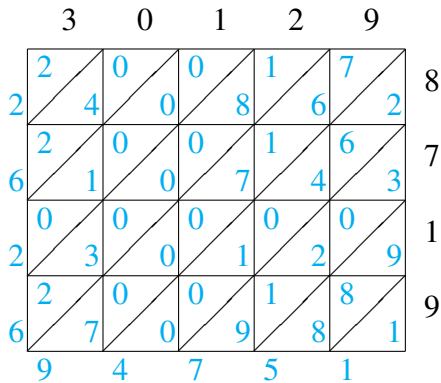
$30129 \times 8719 = 262{,}694{,}751$

$67514 \times 1981 = 133{,}745{,}234$

$92413 \times 5590 = 516{,}588{,}670$

$75627 \times 4387 = 331{,}775{,}649$

$37171 \times 9541 = 354{,}648{,}511$

Lattice Multiplication (H)

Use lattice multiplication to find each product.

```
    9    3    3    2    0
  ┌────┬────┬────┬────┬────┐
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 7
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 1
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 5
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 0
  └────┴────┴────┴────┴────┘
```
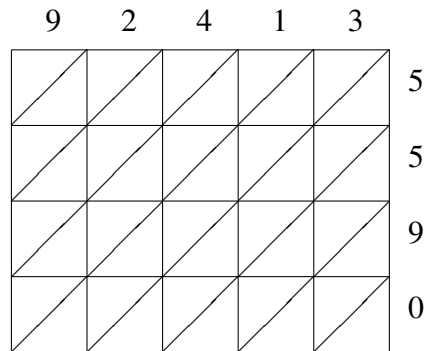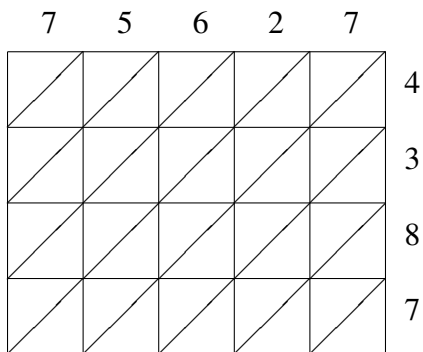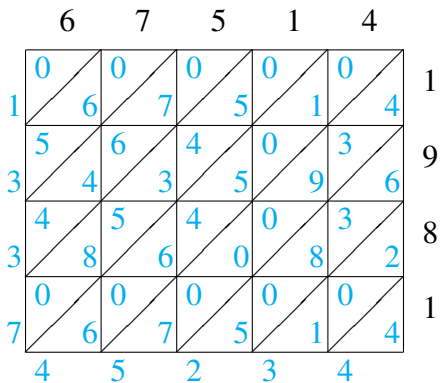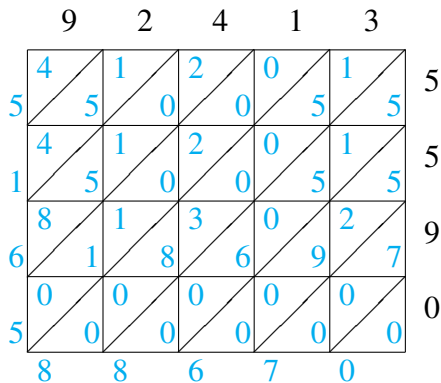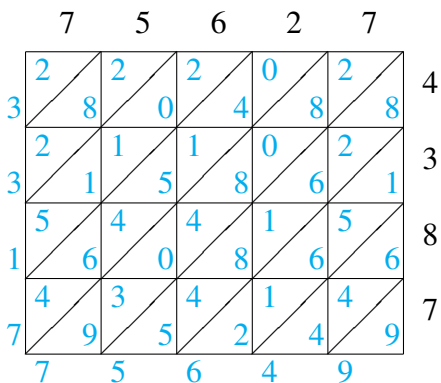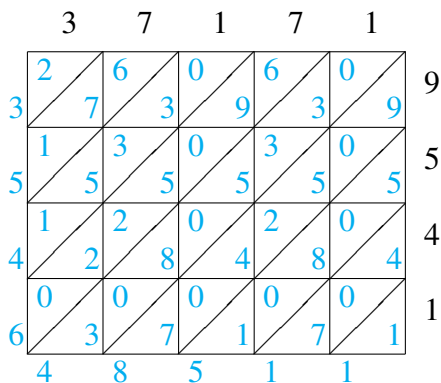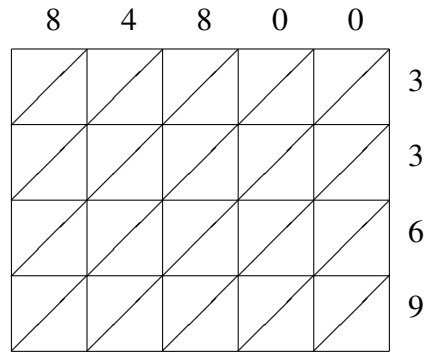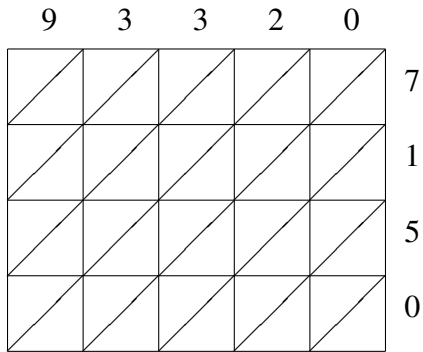
```
    8    4    8    0    0
  ┌────┬────┬────┬────┬────┐
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 3
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 3
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 6
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 9
  └────┴────┴────┴────┴────┘
```

$93320 \times 7150 =$ _____

$84800 \times 3369 =$ _____

```
    5    7    8    0    5
  ┌────┬────┬────┬────┬────┐
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 7
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 9
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 6
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 5
  └────┴────┴────┴────┴────┘
```

```
    5    0    3    7    5
  ┌────┬────┬────┬────┬────┐
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 2
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 1
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 0
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 7
  └────┴────┴────┴────┴────┘
```

$57805 \times 7965 =$ _____

$50375 \times 2107 =$ _____

```
    6    7    6    7    2
  ┌────┬────┬────┬────┬────┐
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 1
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 1
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 2
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 8
  └────┴────┴────┴────┴────┘
```

```
    6    1    0    5    4
  ┌────┬────┬────┬────┬────┐
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 8
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 0
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 7
  ├────┼────┼────┼────┼────┤
  │ ╱  │ ╱  │ ╱  │ ╱  │ ╱  │ 3
  └────┴────┴────┴────┴────┘
```

$67672 \times 1128 =$ _____

$61054 \times 8073 =$ _____

Lattice Multiplication (H) Answers

Use lattice multiplication to find each product.
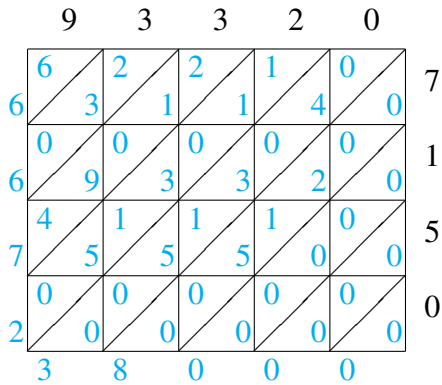
$93320 \times 7150 = 667,238,000$

$84800 \times 3369 = 285,691,200$

$57805 \times 7965 = 460,416,825$

$50375 \times 2107 = 106,140,125$

$67672 \times 1128 = 76,334,016$
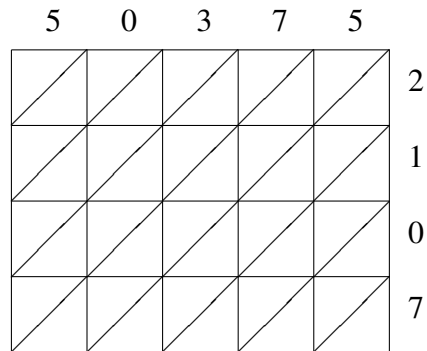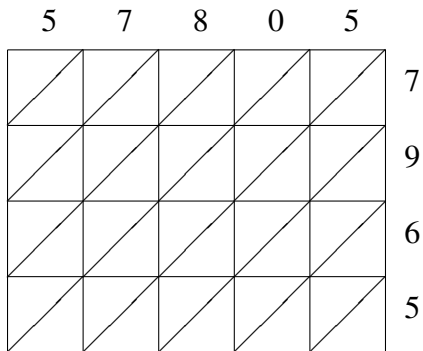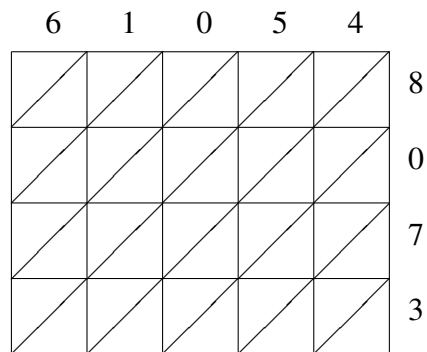
$61054 \times 8073 = 492,888,942$

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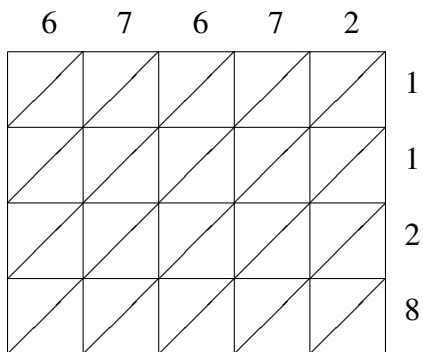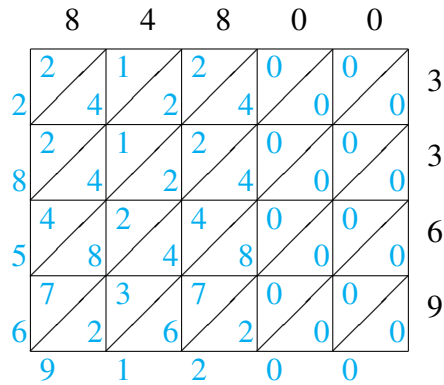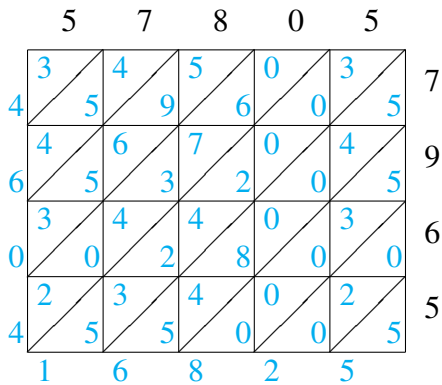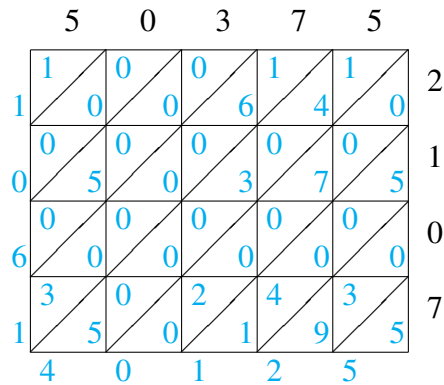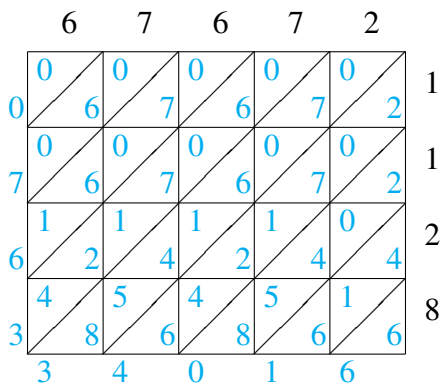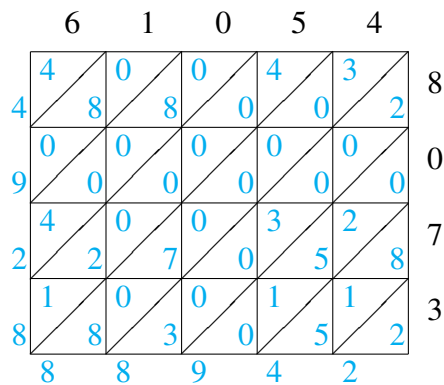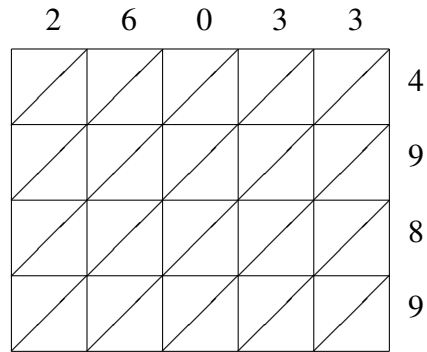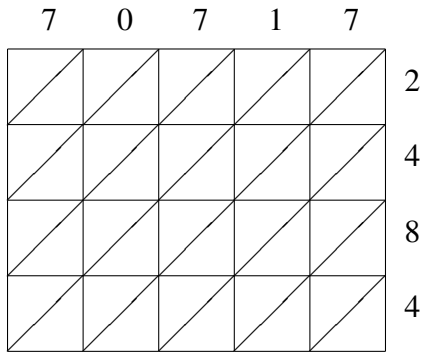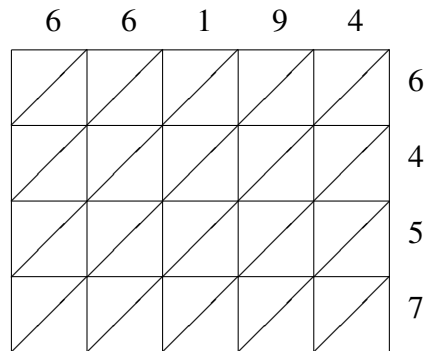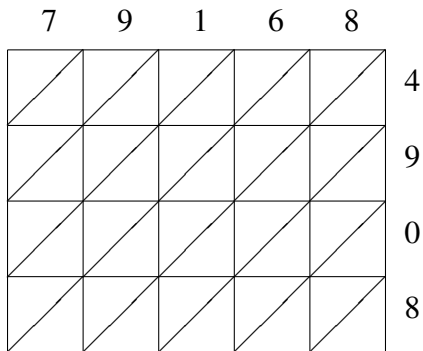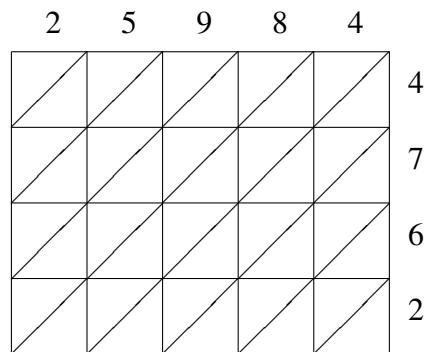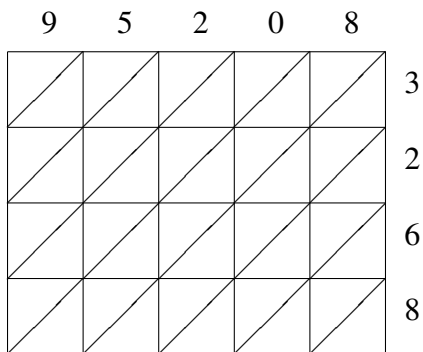
Use lattice multiplication to find each product.

```
    7   0   7   1   7
  ┌───┬───┬───┬───┬───┐
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 2
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 4
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 8
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 4
  └───┴───┴───┴───┴───┘
```

$70717 \times 2484 =$ _____

```
    7   9   1   6   8
  ┌───┬───┬───┬───┬───┐
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 4
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 9
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 0
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 8
  └───┴───┴───┴───┴───┘
```

$79168 \times 4908 =$ _____

```
    9   5   2   0   8
  ┌───┬───┬───┬───┬───┐
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 3
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 2
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 6
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 8
  └───┴───┴───┴───┴───┘
```

$95208 \times 3268 =$ _____

```
    2   6   0   3   3
  ┌───┬───┬───┬───┬───┐
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 4
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 9
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 8
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 9
  └───┴───┴───┴───┴───┘
```

$26033 \times 4989 =$ _____

```
    6   6   1   9   4
  ┌───┬───┬───┬───┬───┐
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 6
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 4
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 5
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 7
  └───┴───┴───┴───┴───┘
```

$66194 \times 6457 =$ _____

```
    2   5   9   8   4
  ┌───┬───┬───┬───┬───┐
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 4
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 7
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 6
  ├───┼───┼───┼───┼───┤
  │ ╱ │ ╱ │ ╱ │ ╱ │ ╱ │ 2
  └───┴───┴───┴───┴───┘
```

$25984 \times 4762 =$ _____

Lattice Multiplication (I) Answers

Use lattice multiplication to find each product.
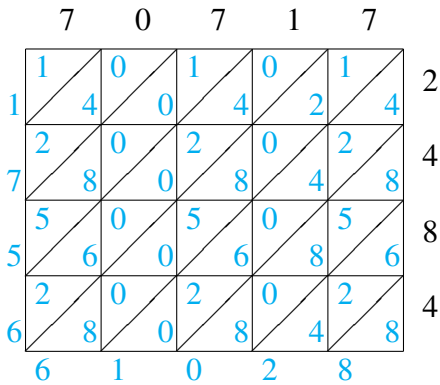
$70717 \times 2484 = 175{,}661{,}028$

$26033 \times 4989 = 129{,}878{,}637$

$79168 \times 4908 = 388{,}556{,}544$

$66194 \times 6457 = 427{,}414{,}658$
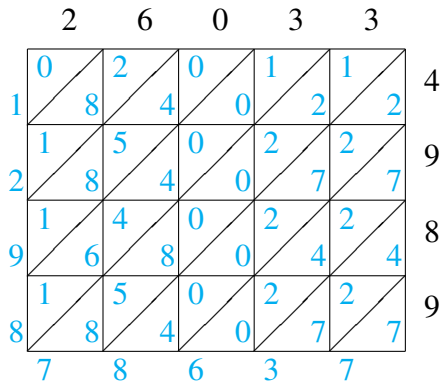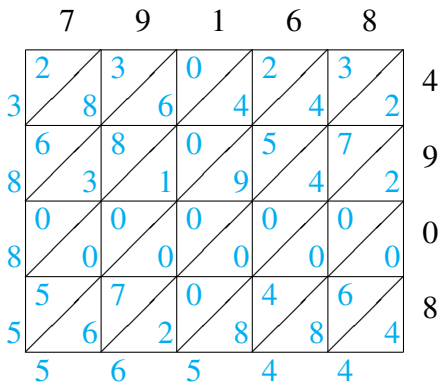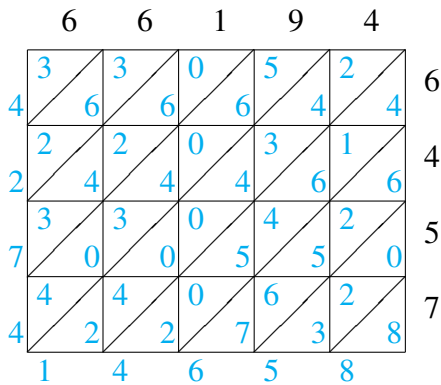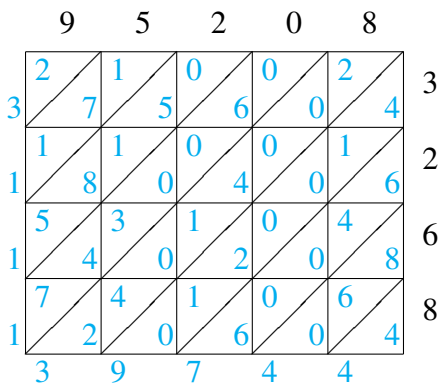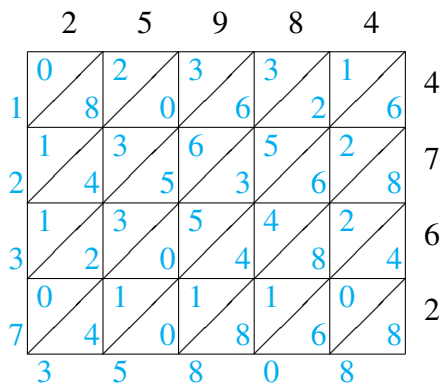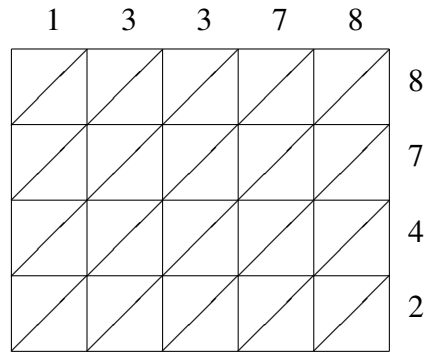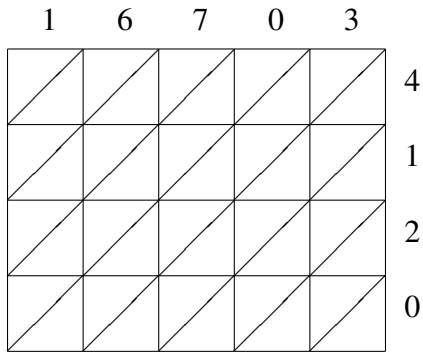
$95208 \times 3268 = 311{,}139{,}744$
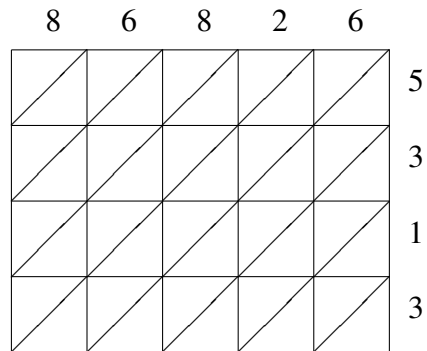
$25984 \times 4762 = 123{,}735{,}808$

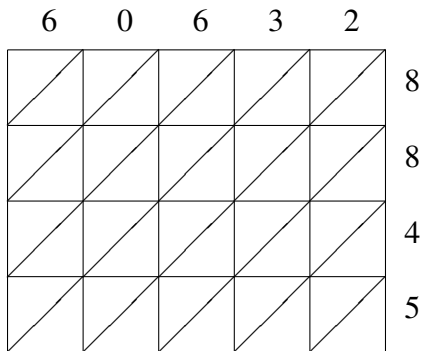# Lattice Multiplication (J)
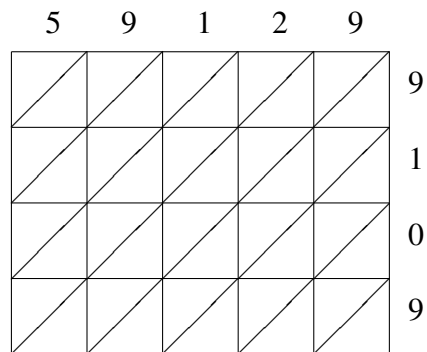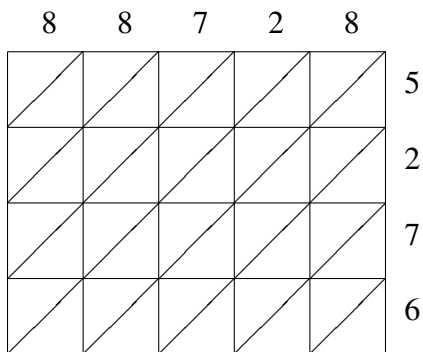
Use lattice multiplication to find each product.

    1   6   7   0   3

                                  4

                                  1

                                  2

                                  0

$16703 \times 4120 =$ _____

    1   3   3   7   8

   8

   7

   4

   2

$13378 \times 8742 =$ _____

    6   0   6   3   2

   8

   8

   4

   5

$60632 \times 8845 =$ _____

    8   6   8   2   6

   5

   3

   1

   3

$86826 \times 5313 =$ _____

    8   8   7   2   8

   5

   2

   7

   6

$88728 \times 5276 =$ _____

    5   9   1   2   9

   9

   1

   0

   9
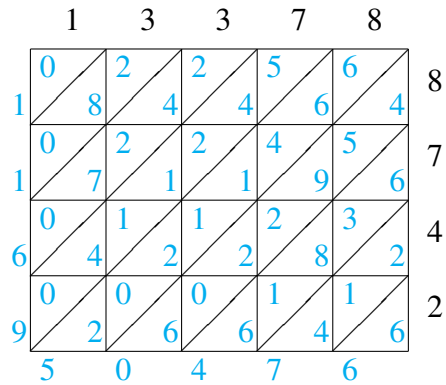
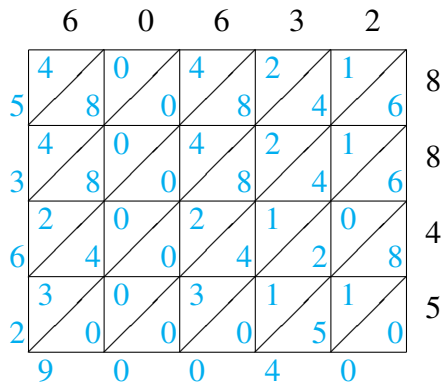$59129 \times 9109 =$ _____

Lattice Multiplication (J) Answers
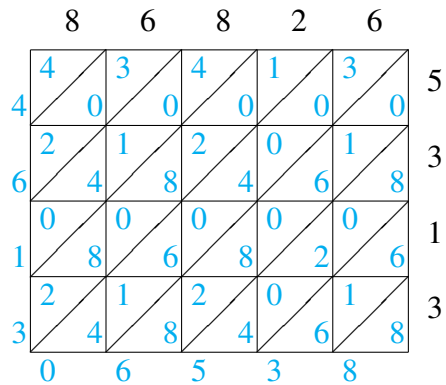
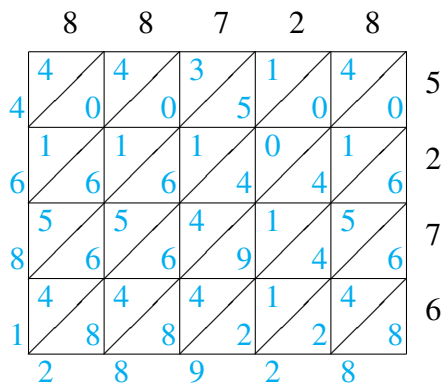## Use lattice multiplication to find each product.
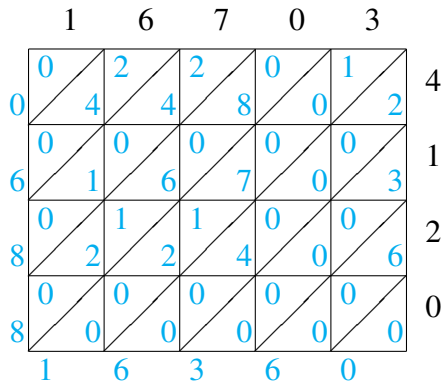
$16703 \times 4120 = 68,816,360$
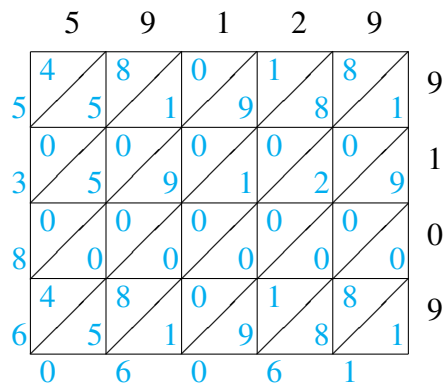
$13378 \times 8742 = 116,950,476$

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

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

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

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