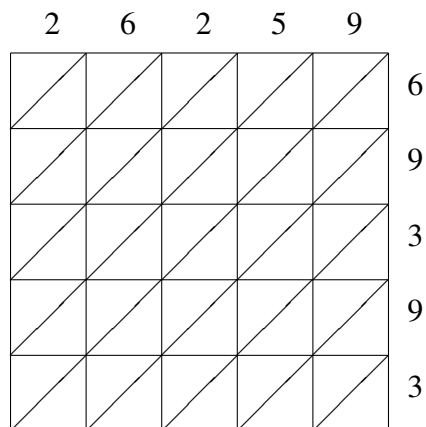
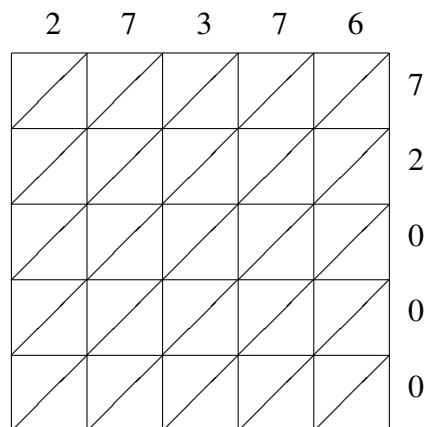


Lattice Multiplication (A)

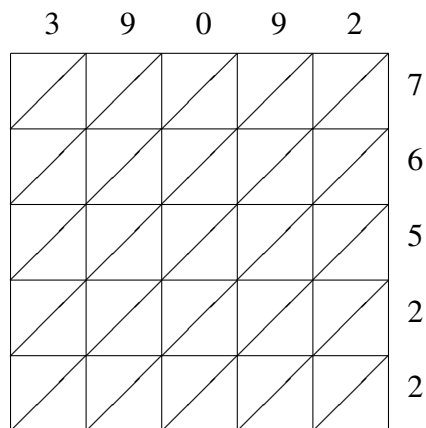
Use lattice multiplication to find each product.



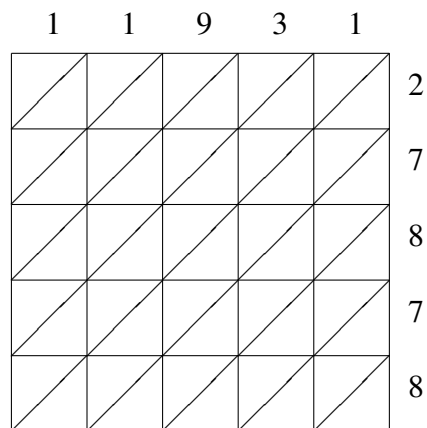
$$26259 \times 69393 = \underline{\hspace{2cm}}$$



$$27376 \times 72000 = \underline{\hspace{2cm}}$$



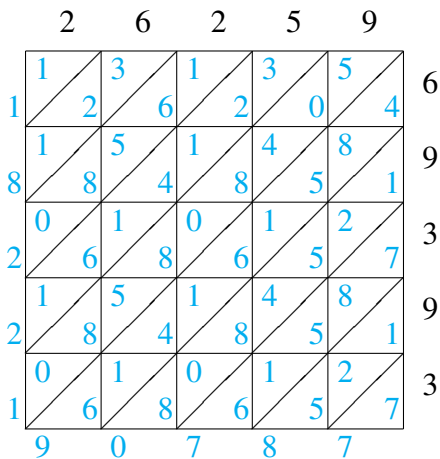
$$39092 \times 76522 = \underline{\hspace{2cm}}$$



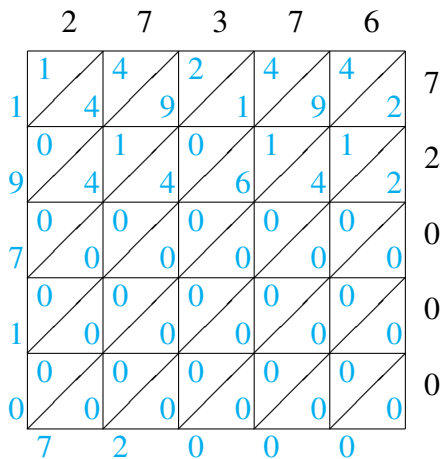
$$11931 \times 27878 = \underline{\hspace{2cm}}$$

Lattice Multiplication (A) Answers

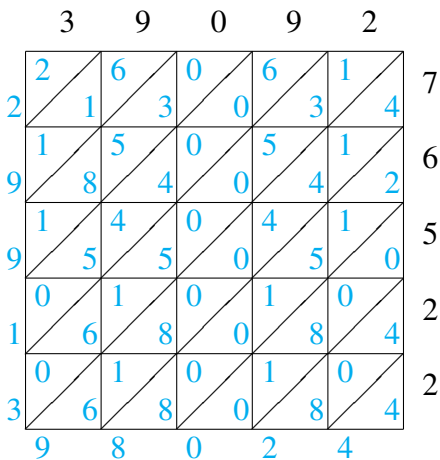
Use lattice multiplication to find each product.



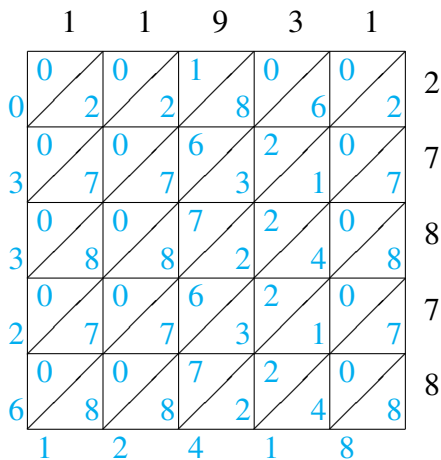
$$26259 \times 69393 = 1,822,190,787$$



$$27376 \times 72000 = 1,971,072,000$$



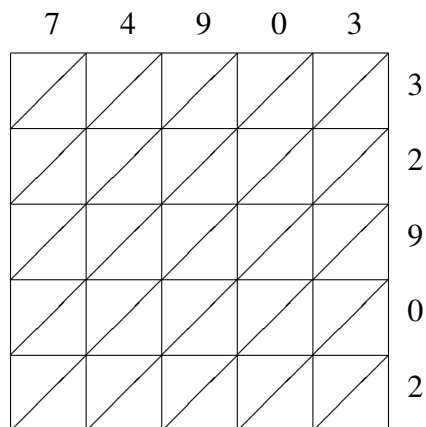
$$39092 \times 76522 = 2,991,398,024$$



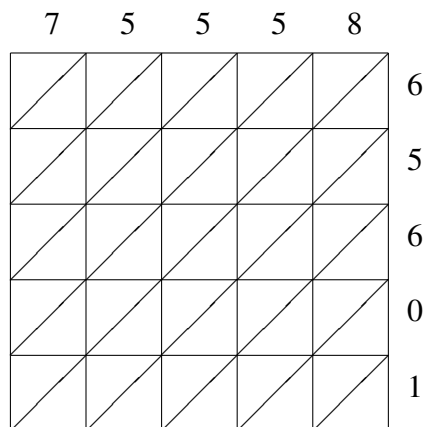
$$11931 \times 27878 = 332,612,418$$

Lattice Multiplication (B)

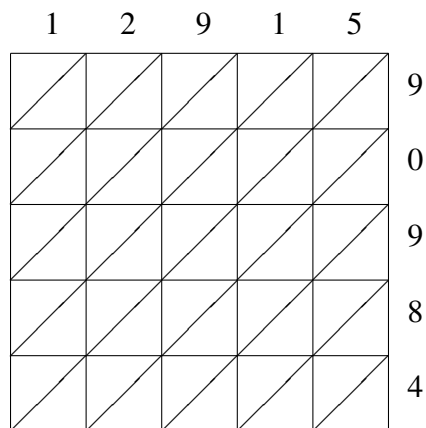
Use lattice multiplication to find each product.



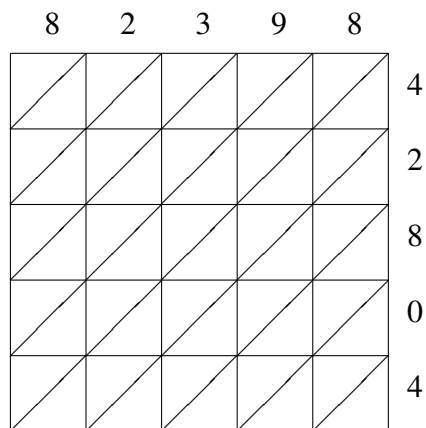
$$74903 \times 32902 = \underline{\hspace{2cm}}$$



$$75558 \times 65601 = \underline{\hspace{2cm}}$$



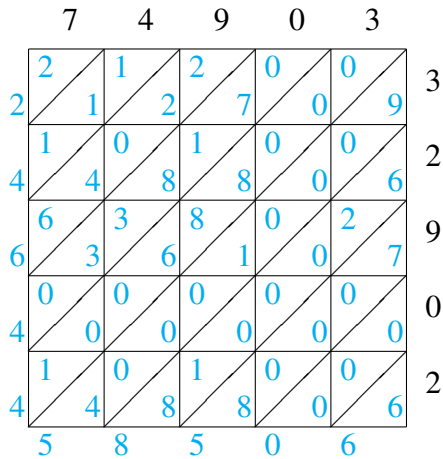
$$12915 \times 90984 = \underline{\hspace{2cm}}$$



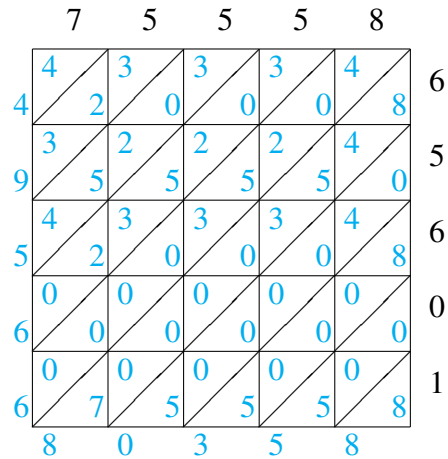
$$82398 \times 42804 = \underline{\hspace{2cm}}$$

Lattice Multiplication (B) Answers

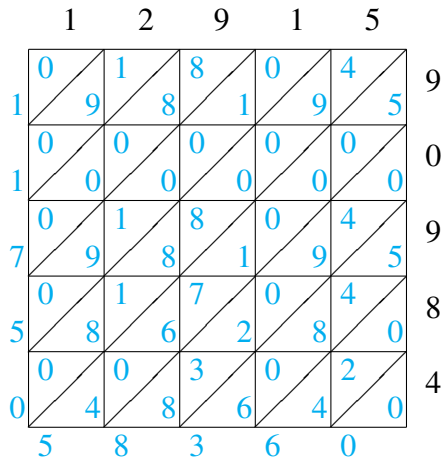
Use lattice multiplication to find each product.



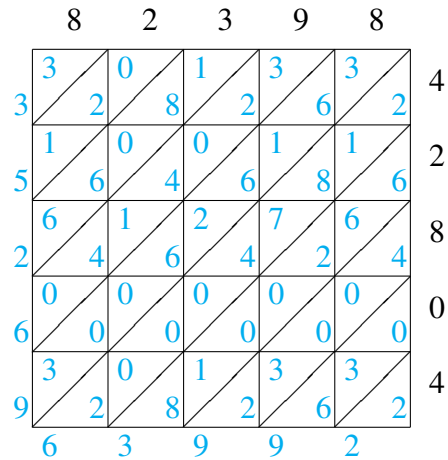
$$74903 \times 32902 = 2,464,458,506$$



$$75558 \times 65601 = 4,956,680,358$$



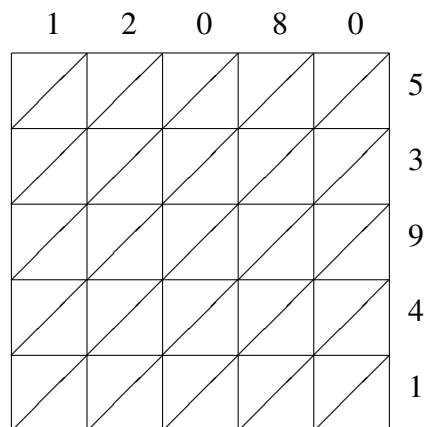
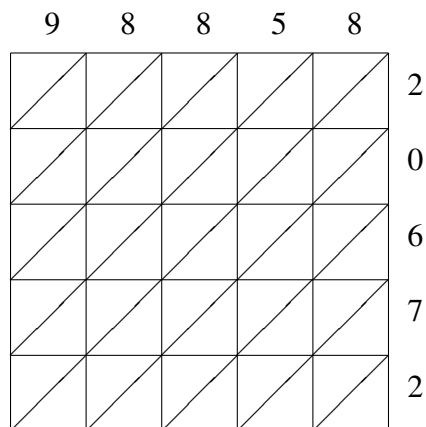
$$12915 \times 90984 = 1,175,058,360$$



$$82398 \times 42804 = 3,526,963,992$$

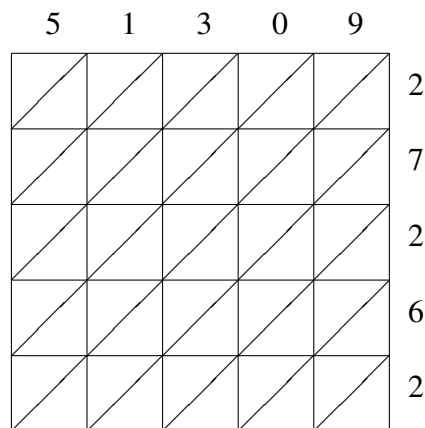
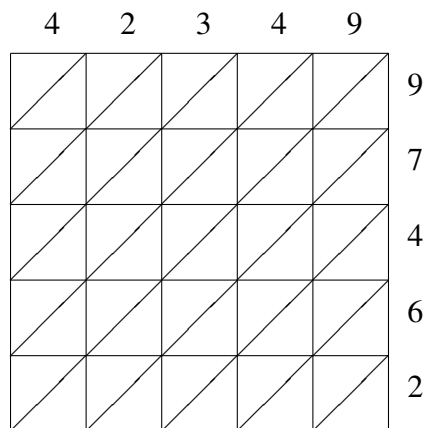
Lattice Multiplication (C)

Use lattice multiplication to find each product.



$$98858 \times 20672 = \underline{\hspace{2cm}}$$

$$12080 \times 53941 = \underline{\hspace{2cm}}$$



$$42349 \times 97462 = \underline{\hspace{2cm}}$$

$$51309 \times 27262 = \underline{\hspace{2cm}}$$

Lattice Multiplication (C) Answers

Use lattice multiplication to find each product.

	9	8	8	5	8	
2	1	1	1	1	1	2
0	0	0	0	0	0	0
4	5	4	4	3	4	6
3	6	5	5	3	5	7
5	1	1	1	1	1	2
	9	2	5	7	6	

$$98858 \times 20672 = 2,043,592,576$$

	1	2	0	8	0	
0	0	1	0	4	0	5
6	0	0	0	2	0	3
5	0	1	0	7	0	9
1	0	0	0	3	0	4
6	0	0	0	0	0	1
	0	7	2	8	0	

$$12080 \times 53941 = 651,607,280$$

	4	2	3	4	9	
4	3	1	2	3	8	9
1	2	1	2	2	6	7
2	1	0	1	1	3	4
7	2	1	1	2	5	6
4	0	0	0	0	1	2
	1	8	2	3	8	

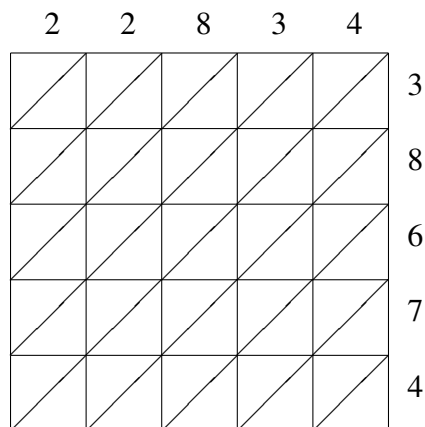
$$42349 \times 97462 = 4,127,418,238$$

	5	1	3	0	9	
1	1	0	0	0	1	2
3	3	0	2	0	6	7
9	1	0	0	0	1	2
8	3	0	1	0	5	6
7	1	0	0	0	1	2
	8	5	9	5	8	

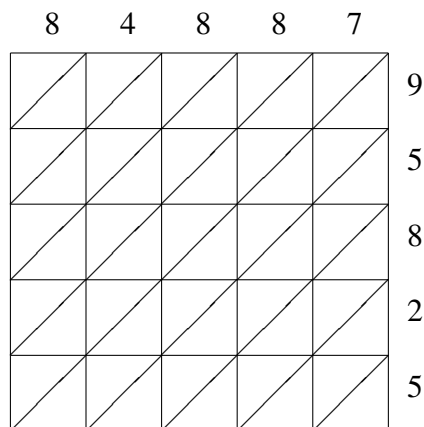
$$51309 \times 27262 = 1,398,785,958$$

Lattice Multiplication (D)

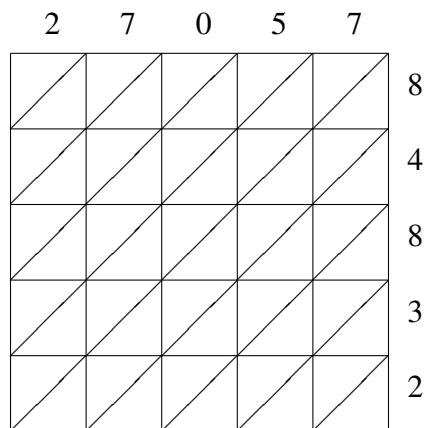
Use lattice multiplication to find each product.



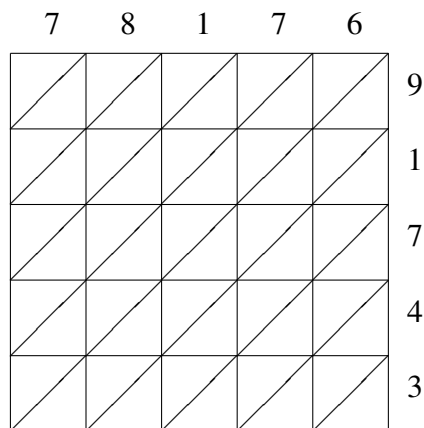
$$22834 \times 38674 = \underline{\hspace{2cm}}$$



$$84887 \times 95825 = \underline{\hspace{2cm}}$$



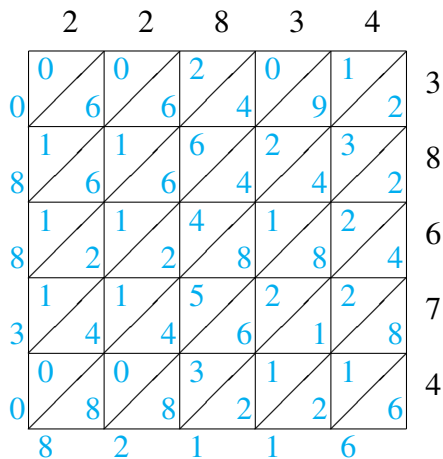
$$27057 \times 84832 = \underline{\hspace{2cm}}$$



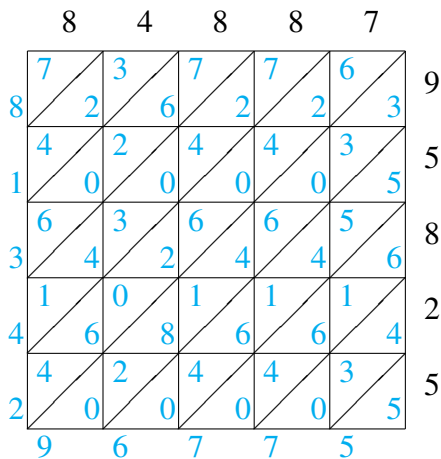
$$78176 \times 91743 = \underline{\hspace{2cm}}$$

Lattice Multiplication (D) Answers

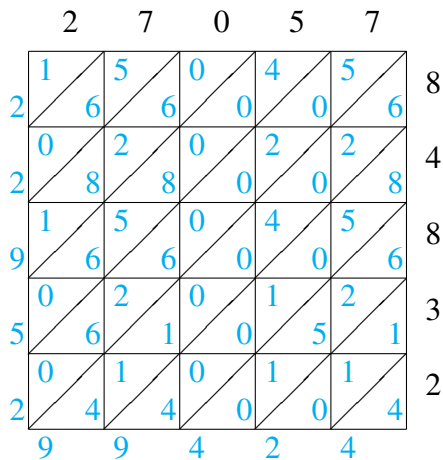
Use lattice multiplication to find each product.



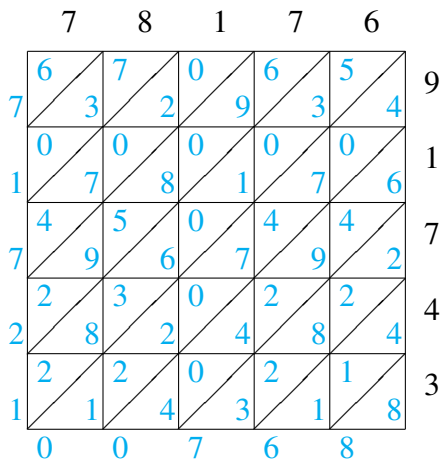
$$22834 \times 38674 = 883,082,116$$



$$84887 \times 95825 = 8,134,296,775$$



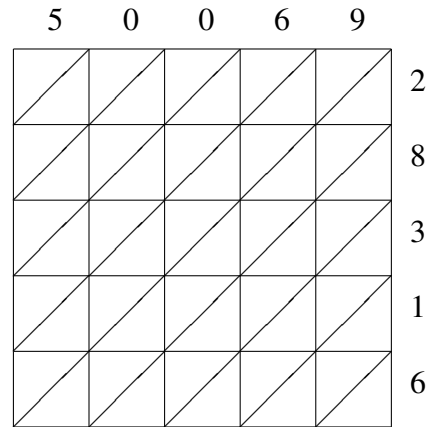
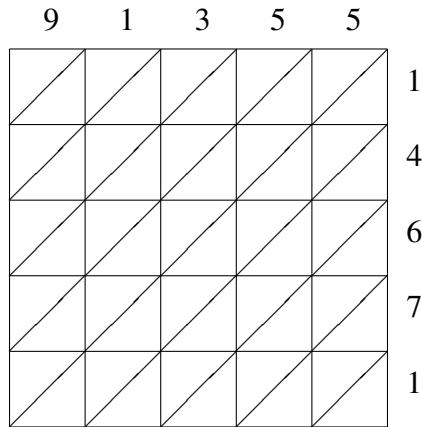
$$27057 \times 84832 = 2,295,299,424$$



$$78176 \times 91743 = 7,172,100,768$$

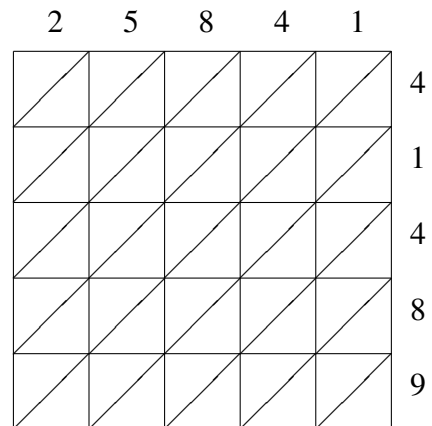
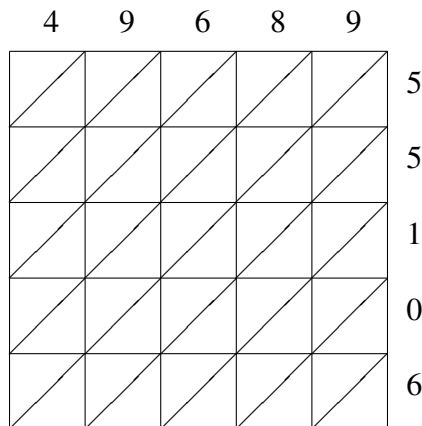
Lattice Multiplication (E)

Use lattice multiplication to find each product.



$$91355 \times 14671 = \underline{\hspace{2cm}}$$

$$50069 \times 28316 = \underline{\hspace{2cm}}$$



$$49689 \times 55106 = \underline{\hspace{2cm}}$$

$$25841 \times 41489 = \underline{\hspace{2cm}}$$

Lattice Multiplication (E) Answers

Use lattice multiplication to find each product.

	9	1	3	5	5	
1	0	0	0	0	0	1
	9	1	3	5	5	
3	3	0	1	2	2	4
	6	4	2	0	0	
4	5	0	1	3	3	6
	4	6	8	0	0	
0	6	0	2	3	3	7
	3	7	1	5	5	
2	0	0	0	0	0	1
	9	1	3	5	5	
	6	9	2	0	5	

$$91355 \times 14671 = 1,340,269,205$$

	5	0	0	6	9	
1	1	0	0	1	1	2
	0	0	0	2	8	
4	4	0	0	4	7	8
	0	0	0	8	2	
1	1	0	0	1	2	3
	5	0	0	8	7	
7	0	0	0	0	0	1
	5	0	0	6	9	
7	3	0	0	3	5	6
	0	0	0	6	4	
	5	3	8	0	4	

$$50069 \times 28316 = 1,417,753,804$$

	4	9	6	8	9	
2	2	4	3	4	4	5
	0	5	0	0	5	
7	2	4	3	4	4	5
	0	5	0	0	5	
3	0	0	0	0	0	1
	4	9	6	8	9	
8	0	0	0	0	0	0
	0	0	0	0	0	
1	2	5	3	4	5	6
	4	4	6	8	4	
	6	2	0	3	4	

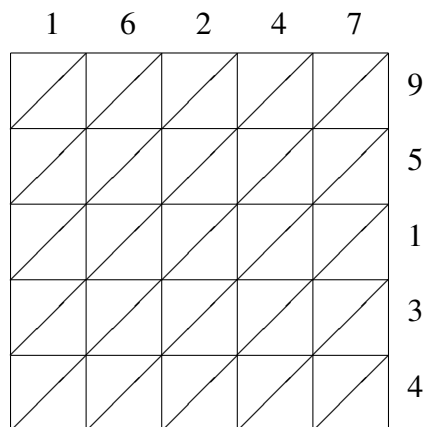
$$49689 \times 55106 = 2,738,162,034$$

	2	5	8	4	1	
1	0	2	3	1	0	4
	8	0	2	6	4	
0	0	0	0	0	0	1
	2	5	8	4	1	
7	0	2	3	1	0	4
	8	0	2	6	4	
2	1	4	6	3	0	8
	6	0	4	2	8	
1	1	4	7	3	0	9
	8	5	2	6	9	
	1	7	2	4	9	

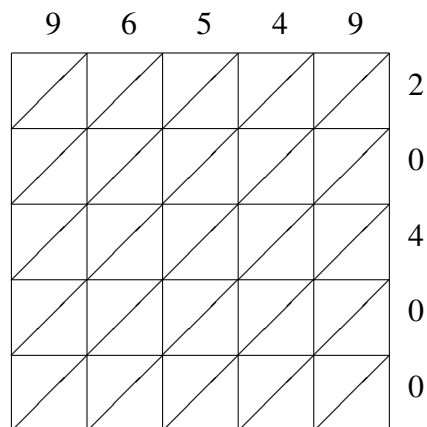
$$25841 \times 41489 = 1,072,117,249$$

Lattice Multiplication (F)

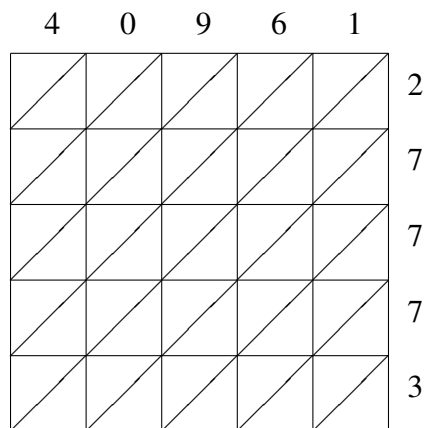
Use lattice multiplication to find each product.



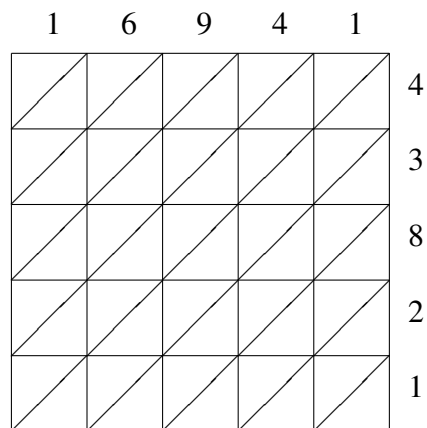
$$16247 \times 95134 = \underline{\hspace{2cm}}$$



$$96549 \times 20400 = \underline{\hspace{2cm}}$$



$$40961 \times 27773 = \underline{\hspace{2cm}}$$



$$16941 \times 43821 = \underline{\hspace{2cm}}$$

Lattice Multiplication (F) Answers

Use lattice multiplication to find each product.

	1	6	2	4	7	
1	0/9	5/4	1/8	3/6	6/3	9
5	0/5	3/0	1/0	2/0	3/5	5
4	0/1	0/6	0/2	0/4	0/7	1
5	0/3	1/8	0/6	1/2	2/1	3
6	0/4	2/4	0/8	1/6	2/8	4
	4	2	0	9	8	

$$16247 \times 95134 = 1,545,642,098$$

	9	6	5	4	9	
1	1/8	1/2	1/0	0/8	1/8	2
9	0/0	0/0	0/0	0/0	0/0	0
6	3/6	2/4	2/0	1/6	3/6	4
9	0/0	0/0	0/0	0/0	0/0	0
5	0/0	0/0	0/0	0/0	0/0	0
	9	9	6	0	0	

$$96549 \times 20400 = 1,969,599,600$$

	4	0	9	6	1	
1	0/8	0/0	1/8	1/2	0/2	2
1	2/8	0/0	6/3	4/2	0/7	7
3	2/8	0/0	6/3	4/2	0/7	7
7	2/8	0/0	6/3	4/2	0/7	7
6	1/2	0/7	2/8	1/5	0/3	3
	0	9	8	5	3	

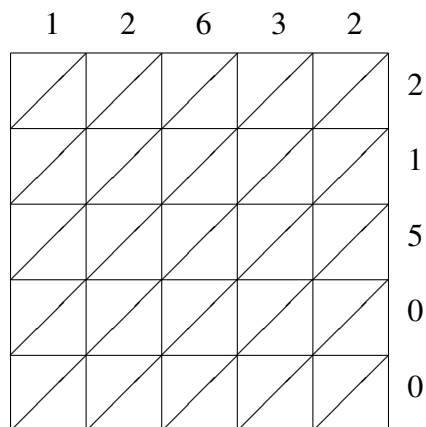
$$40961 \times 27773 = 1,137,609,853$$

	1	6	9	4	1	
0	0/4	2/4	3/6	1/6	0/4	4
7	0/3	1/8	2/7	1/2	0/3	3
4	0/8	4/8	7/2	3/2	0/8	8
2	0/2	1/2	1/8	0/8	0/2	2
3	0/1	0/6	0/9	0/4	0/1	1
	7	1	5	6	1	

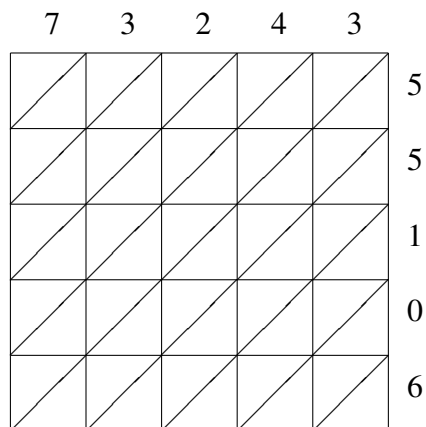
$$16941 \times 43821 = 742,371,561$$

Lattice Multiplication (G)

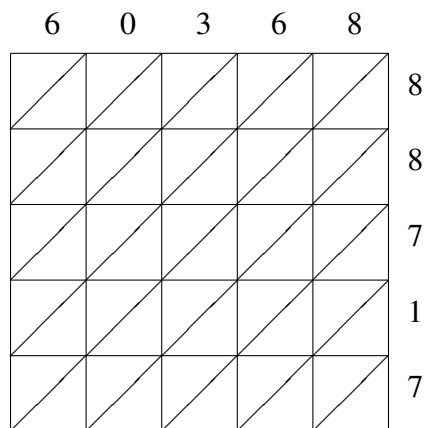
Use lattice multiplication to find each product.



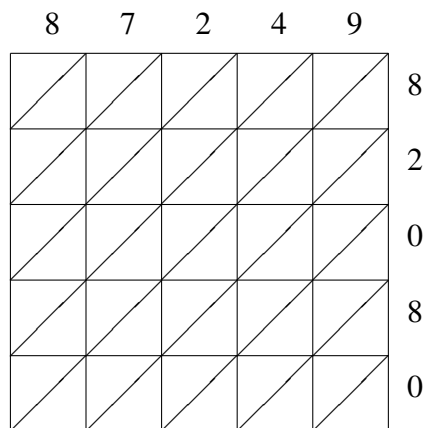
$$12632 \times 21500 = \underline{\hspace{2cm}}$$



$$73243 \times 55106 = \underline{\hspace{2cm}}$$



$$60368 \times 88717 = \underline{\hspace{2cm}}$$



$$87249 \times 82080 = \underline{\hspace{2cm}}$$

Lattice Multiplication (G) Answers

Use lattice multiplication to find each product.

	1	2	6	3	2	
0	0/2	0/4	1/2	0/6	0/4	2
2	0/1	0/2	0/6	0/3	0/2	1
7	0/5	1/0	3/0	1/5	1/0	5
1	0/0	0/0	0/0	0/0	0/0	0
5	0/0	0/0	0/0	0/0	0/0	0
	8	8	0	0	0	

$$12632 \times 21500 = 271,588,000$$

	7	3	2	4	3	
4	3/5	1/5	1/0	2/0	1/5	5
0	3/5	1/5	0/0	2/0	1/5	5
3	0/7	0/3	0/2	0/4	0/3	1
6	0/0	0/0	0/0	0/0	0/0	0
1	4/2	1/8	1/7	2/5	1/8	6
	2	8	7	5	8	

$$73243 \times 55106 = 4,036,128,758$$

	6	0	3	6	8	
5	4/8	0/0	2/4	4/8	6/4	8
3	4/8	0/0	2/4	4/8	6/4	8
5	4/2	0/0	2/1	4/2	5/6	7
5	0/6	0/0	0/3	0/6	0/8	1
6	4/2	0/0	2/1	4/2	5/6	7
	6	7	8	5	6	

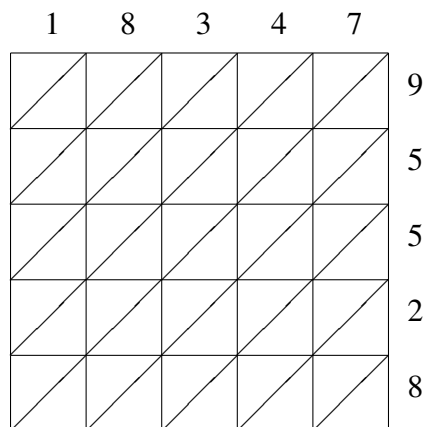
$$60368 \times 88717 = 5,355,667,856$$

	8	7	2	4	9	
7	6/4	5/6	1/6	3/2	7/2	8
1	1/6	1/4	0/4	0/8	1/8	2
6	0/0	0/0	0/0	0/0	0/0	0
1	6/4	5/6	1/6	3/2	7/2	8
3	0/0	0/0	0/0	0/0	0/0	0
	9	7	9	2	0	

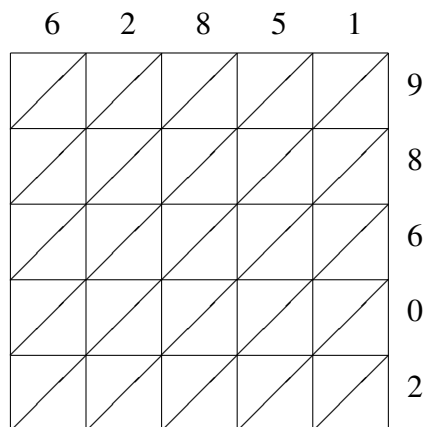
$$87249 \times 82080 = 7,161,397,920$$

Lattice Multiplication (H)

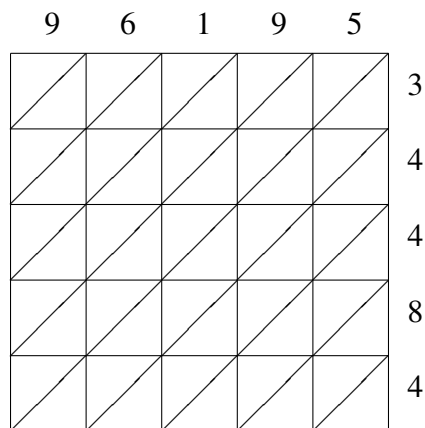
Use lattice multiplication to find each product.



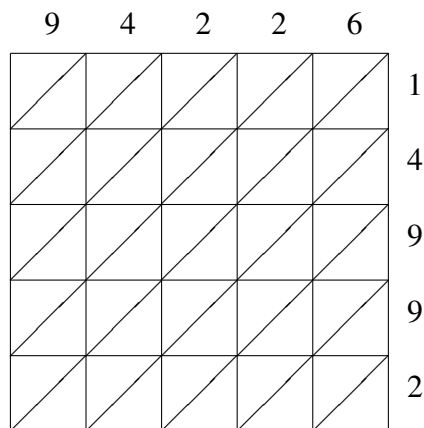
$$18347 \times 95528 = \underline{\hspace{2cm}}$$



$$62851 \times 98602 = \underline{\hspace{2cm}}$$



$$96195 \times 34484 = \underline{\hspace{2cm}}$$



$$94226 \times 14992 = \underline{\hspace{2cm}}$$

Lattice Multiplication (H) Answers

Use lattice multiplication to find each product.

	1	8	3	4	7	
1	0/9	7/2	2/7	3/6	6/3	9
7	0/5	4/0	1/5	2/0	3/5	5
5	0/5	4/0	1/5	2/0	3/5	5
2	0/2	1/6	0/6	0/8	1/4	2
6	0/8	6/4	2/4	3/2	5/6	8
	5	2	2	1	6	

$$18347 \times 95528 = 1,752,652,216$$

	6	2	8	5	1	
6	5/4	1/8	7/2	4/5	0/9	9
1	4/8	1/6	6/4	4/0	0/8	8
9	3/6	1/2	4/8	3/0	0/6	6
7	0/0	0/0	0/0	0/0	0/0	0
2	1/2	0/4	1/6	1/0	0/2	2
	3	4	3	0	2	

$$62851 \times 98602 = 6,197,234,302$$

	9	6	1	9	5	
3	2/7	1/8	0/3	2/7	1/5	3
3	3/6	2/4	0/4	3/6	2/0	4
1	3/6	2/4	0/4	3/6	2/0	4
7	7/2	4/8	0/8	7/2	4/0	8
1	3/6	2/4	0/4	3/6	2/0	4
	8	8	3	8	0	

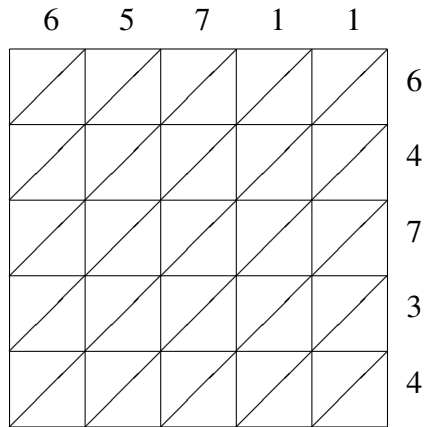
$$96195 \times 34484 = 3,317,188,380$$

	9	4	2	2	6	
1	0/9	0/4	0/2	0/2	0/6	1
4	3/6	1/6	0/8	0/8	2/4	4
1	8/1	3/6	1/8	1/8	5/4	9
2	8/1	3/6	1/8	1/8	5/4	9
6	1/8	0/8	0/4	0/4	1/2	2
	3	6	1	9	2	

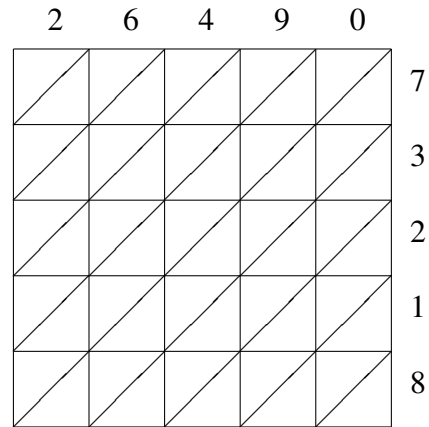
$$94226 \times 14992 = 1,412,636,192$$

Lattice Multiplication (I)

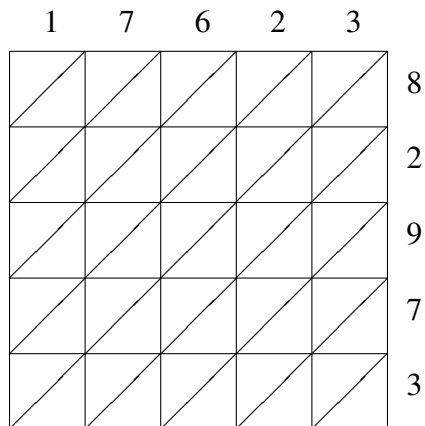
Use lattice multiplication to find each product.



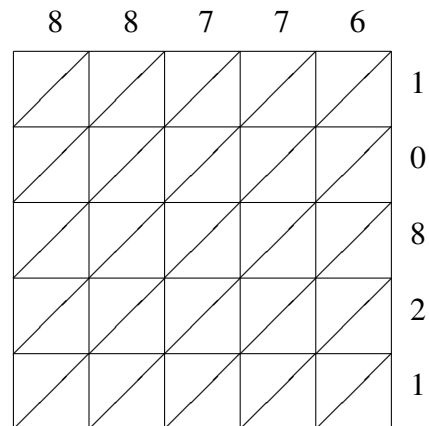
$$65711 \times 64734 = \underline{\hspace{2cm}}$$



$$26490 \times 73218 = \underline{\hspace{2cm}}$$



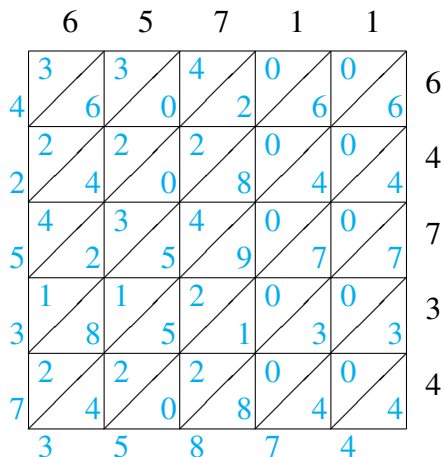
$$17623 \times 82973 = \underline{\hspace{2cm}}$$



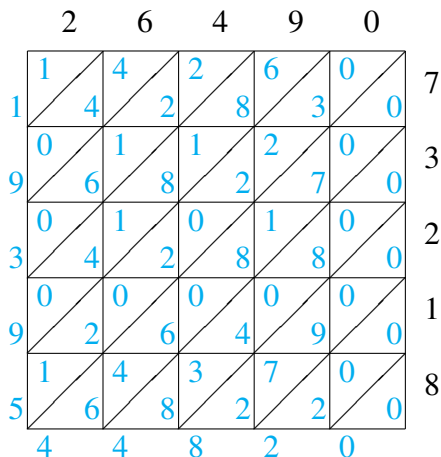
$$88776 \times 10821 = \underline{\hspace{2cm}}$$

Lattice Multiplication (I) Answers

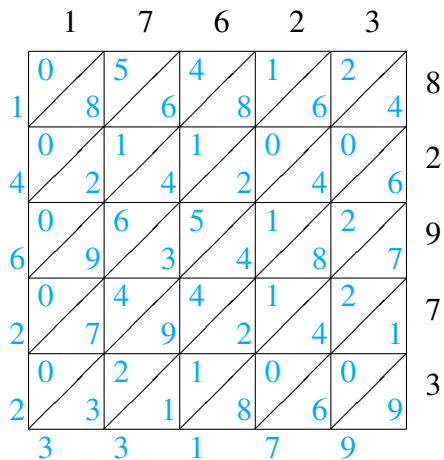
Use lattice multiplication to find each product.



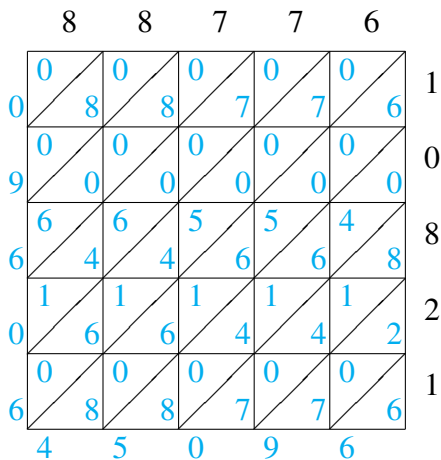
$$65711 \times 64734 = 4,253,735,874$$



$$26490 \times 73218 = 1,939,544,820$$



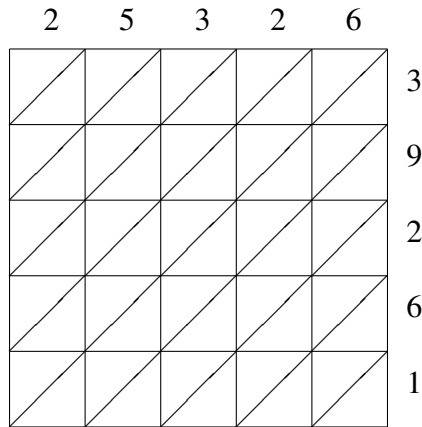
$$17623 \times 82973 = 1,462,233,179$$



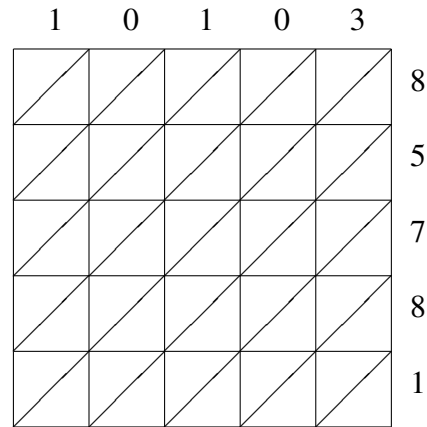
$$88776 \times 10821 = 960,645,096$$

Lattice Multiplication (J)

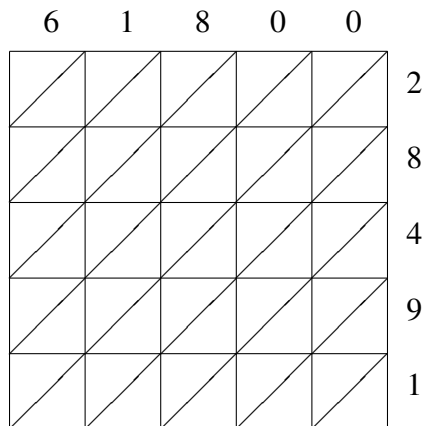
Use lattice multiplication to find each product.



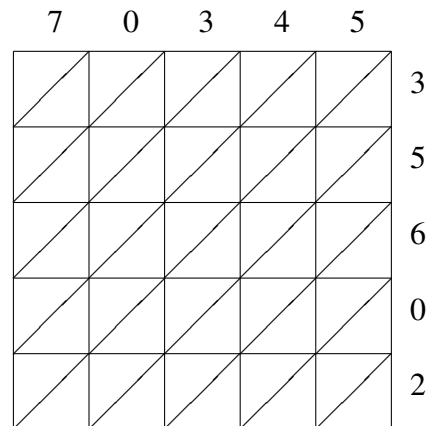
$$25326 \times 39261 = \underline{\hspace{2cm}}$$



$$10103 \times 85781 = \underline{\hspace{2cm}}$$



$$61800 \times 28491 = \underline{\hspace{2cm}}$$



$$70345 \times 35602 = \underline{\hspace{2cm}}$$

Lattice Multiplication (J) Answers

Use lattice multiplication to find each product.

	2	5	3	2	6	
0	0	1	0	0	1	3
9	1	4	2	1	5	9
9	0	1	0	0	1	2
4	1	3	1	1	3	6
3	0	0	0	0	0	1
	2	4	0	8	6	

$$25326 \times 39261 = 994,324,086$$

	1	0	1	0	3	
0	0	0	0	0	2	8
8	0	0	0	0	1	5
6	0	0	0	0	2	7
6	0	0	0	0	2	8
6	0	0	0	0	0	1
	4	5	4	4	3	

$$10103 \times 85781 = 866,645,443$$

	6	1	8	0	0	
1	1	0	1	0	0	2
7	4	0	6	0	0	8
6	2	0	3	0	0	4
0	5	0	7	0	0	9
7	0	0	0	0	0	1
	4	3	8	0	0	

$$61800 \times 28491 = 1,760,743,800$$

	7	0	3	4	5	
2	2	0	0	1	1	3
5	3	0	1	2	2	5
0	4	0	1	2	3	6
4	0	0	0	0	0	0
4	1	0	0	0	1	2
	2	2	6	9	0	

$$70345 \times 35602 = 2,504,422,690$$