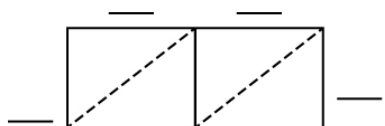


# Multiplication Using Lattice Method

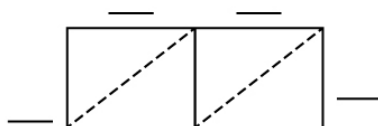
Work out the answers to these multiplication questions using the lattice method.

1  $86 \times 1$



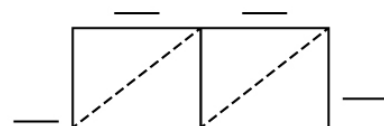
$86 \times 1 =$  \_\_\_\_\_

2  $29 \times 8$



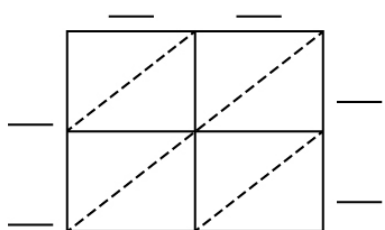
$29 \times 8 =$  \_\_\_\_\_

3  $35 \times 5$



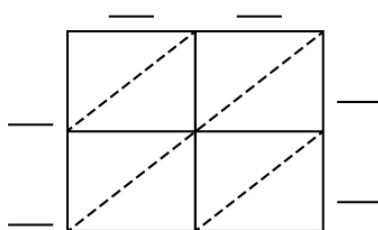
$35 \times 5 =$  \_\_\_\_\_

4  $36 \times 23$



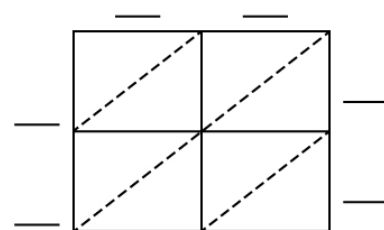
$36 \times 23 =$  \_\_\_\_\_

5  $60 \times 20$



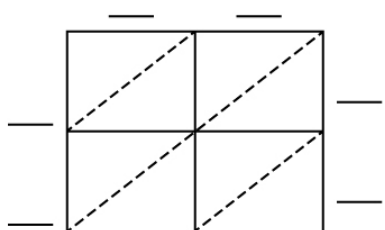
$60 \times 20 =$  \_\_\_\_\_

6  $53 \times 29$



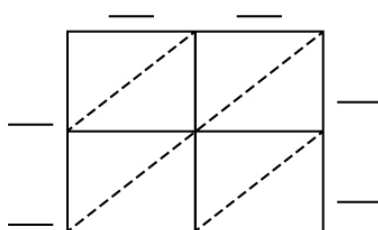
$11 \times 63 =$  \_\_\_\_\_

7  $52 \times 90$



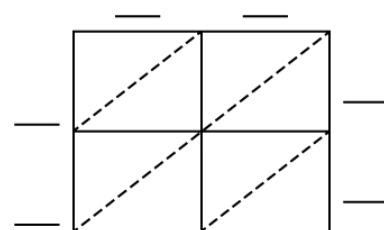
$52 \times 90 =$  \_\_\_\_\_

8  $44 \times 98$



$44 \times 98 =$  \_\_\_\_\_

9  $54 \times 49$



$54 \times 49 =$  \_\_\_\_\_

# Multiplication Using Lattice Method

## Answers

1  $86 \times 1$

	<u>8</u>	<u>6</u>	
0	0	0	1
	8	6	
	<u>8</u>	<u>6</u>	

$86 \times 1 = \underline{86}$

2  $29 \times 8$

	<u>2</u>	<u>9</u>	
2	1	7	8
	6	2	
	<u>3</u>	<u>2</u>	

$29 \times 8 = \underline{232}$

3  $35 \times 5$

	<u>3</u>	<u>5</u>	
1	1	2	5
	5	5	
	<u>7</u>	<u>5</u>	

$35 \times 5 = \underline{175}$

4  $36 \times 23$

	<u>3</u>	<u>6</u>	
0	0	1	2
	6	2	
8	0	1	3
	9	8	
	<u>2</u>	<u>8</u>	

$36 \times 23 = \underline{828}$

5  $60 \times 20$

	<u>6</u>	<u>0</u>	
1	1	0	2
	2	0	
2	0	0	0
	0	0	
	<u>0</u>	<u>0</u>	

$60 \times 20 = \underline{1,200}$

6  $53 \times 29$

	<u>5</u>	<u>3</u>	
1	1	0	2
	0	6	
5	4	2	9
	5	7	
	<u>3</u>	<u>7</u>	

$53 \times 29 = \underline{1,537}$

7  $52 \times 90$

	<u>5</u>	<u>2</u>	
4	4	1	9
	5	8	
6	0	0	0
	0	0	
	<u>8</u>	<u>0</u>	

$52 \times 90 = \underline{4,680}$

8  $44 \times 98$

	<u>4</u>	<u>4</u>	
4	3	3	9
	6	6	
3	3	3	8
	2	2	
	<u>9</u>	<u>3</u>	

$44 \times 98 = \underline{4,312}$

9  $54 \times 49$

	<u>5</u>	<u>4</u>	
2	2	1	4
	0	6	
6	4	3	9
	5	6	
	<u>9</u>	<u>3</u>	

$54 \times 49 = \underline{2,646}$