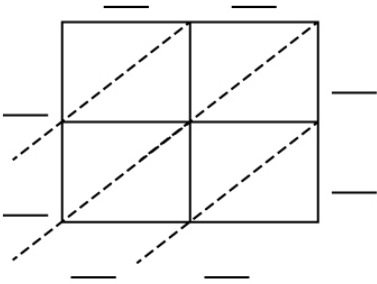




# Lattice Multiplication

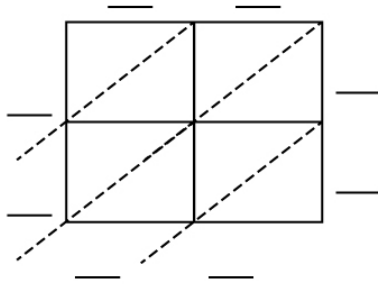
## 2-Digit by 2-Digit

1  $11 \times 63$



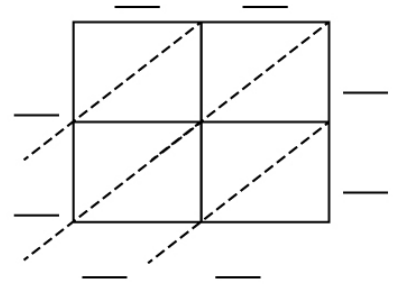
$11 \times 63 =$  \_\_\_\_\_

2  $21 \times 59$



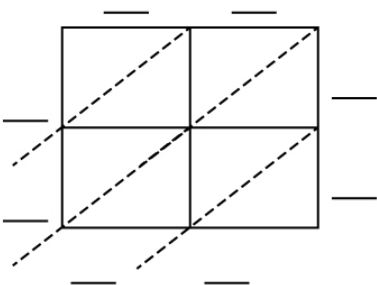
$21 \times 59 =$  \_\_\_\_\_

3  $23 \times 90$



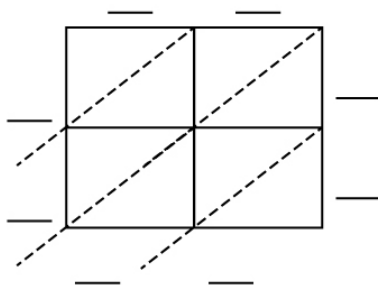
$23 \times 90 =$  \_\_\_\_\_

4  $47 \times 32$



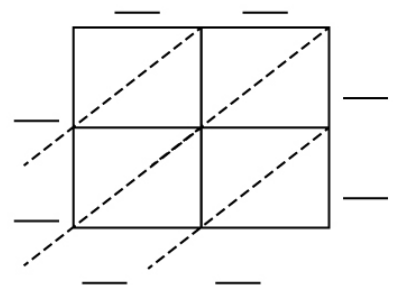
$47 \times 32 =$  \_\_\_\_\_

5  $49 \times 58$



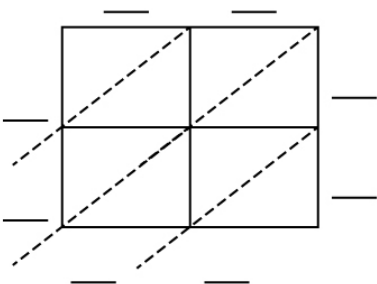
$49 \times 58 =$  \_\_\_\_\_

6  $18 \times 72$



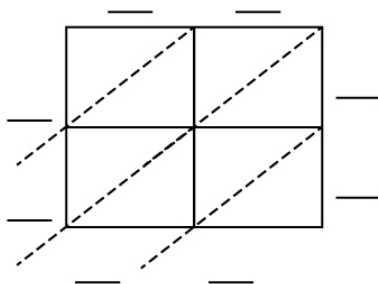
$18 \times 72 =$  \_\_\_\_\_

7  $46 \times 15$



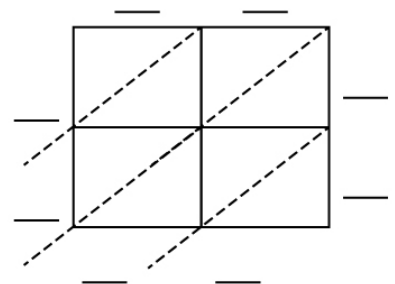
$46 \times 15 =$  \_\_\_\_\_

8  $41 \times 90$



$41 \times 90 =$  \_\_\_\_\_

9  $80 \times 92$



$80 \times 92 =$  \_\_\_\_\_



# Lattice Multiplication

## 2-Digit by 2-Digit

### Answers

1  $11 \times 63$

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

$11 \times 63 = \underline{693}$

2  $21 \times 59$

	<u>2</u>	<u>1</u>			
<u>1</u>	1	0	5	5	<u>5</u>
<u>2</u>	1	8	0	9	<u>9</u>
	<u>3</u>	<u>9</u>			

$21 \times 59 = \underline{1,239}$

3  $23 \times 90$

	<u>2</u>	<u>3</u>			
<u>2</u>	1	8	2	7	<u>9</u>
<u>0</u>	0	0	0	0	<u>0</u>
	<u>7</u>	<u>0</u>			

$23 \times 90 = \underline{2,070}$

4  $47 \times 32$

	<u>4</u>	<u>7</u>			
<u>1</u>	1	2	1	3	<u>3</u>
<u>5</u>	0	8	1	4	<u>2</u>
	<u>0</u>	<u>4</u>			

$47 \times 32 = \underline{1,504}$

5  $49 \times 58$

	<u>4</u>	<u>9</u>			
<u>2</u>	2	0	4	5	<u>5</u>
<u>8</u>	3	2	7	2	<u>8</u>
	<u>4</u>	<u>2</u>			

$49 \times 58 = \underline{2,842}$

6  $18 \times 72$

	<u>1</u>	<u>8</u>			
<u>1</u>	0	7	5	6	<u>7</u>
<u>2</u>	0	2	1	6	<u>2</u>
	<u>9</u>	<u>6</u>			

$18 \times 72 = \underline{1,296}$

7  $46 \times 15$

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

$46 \times 15 = \underline{690}$

8  $41 \times 90$

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

$41 \times 90 = \underline{3,690}$

9  $80 \times 92$

	<u>8</u>	<u>0</u>			
<u>7</u>	7	2	0	0	<u>9</u>
<u>3</u>	1	6	0	0	<u>2</u>
	<u>6</u>	<u>0</u>			

$80 \times 92 = \underline{7,360}$