Minute Marker
I 2 3 4 5

### Multiplication Facts 0 - 12

		FIVE	minute :	rımea arı	II WITH TUC	problem	ns.		
4	6	7	0	2	7	5	2	10	9
$\times$ 4	<u>× 3</u>	$\times$ 4	<u>× 0</u>	<u>× 2</u>	<u>× 1</u>	<u>× 3</u>	<u>× 1</u>	<u>× 7</u>	<u>× 1</u>
8	12	11	10	3	11	5	3	12	10
<u>× 0</u>	<u>× 6</u>	<u>× 5</u>	<u>× 8</u>	<u>× 1</u>	<u>× 9</u>	<u>× 2</u>	<u>× 3</u>	$\times$ 4	<u>× 1</u>
1.0	1.0	1.0	0	11	4	1.0	1 0	7	1
10					4				4
<u>× 10</u>	<u>× 0</u>	<u> </u>	<u> </u>	^ 0	<u>× 3</u>	<u> </u>	<u> </u>	<u> </u>	<u>^ 1</u>
11	7	6	4	12	10	6	8	10	6
× 10	<u>× 0</u>				<u>× 6</u>				
12	9	5	11	9	3	11	7	2	8
<u>× 12</u>	<u>× 8</u>	$\times$ 0	<u>× 3</u>	<u>× 6</u>	<u>× 2</u>	<u>× 7</u>	<u>× 2</u>	$\times$ 0	$\times$ 4
11	4	10	12	7	10	9	12	9	7
<u>× 11</u>	<u>× 2</u>	$\times$ 4	<u>× 3</u>	<u>× 3</u>	<u>× 5</u>	<u>× 2</u>	<u>× 5</u>	<u>× 3</u>	<u>× 6</u>
1.0	1.1	1.0	-	4	1.0	^	_	0	_
12					10			8	
<u>× 11</u>	<u> </u>	<u>x 9</u>	<u> </u>	<u> </u>	<u> </u>	<u>X 4</u>	<u>X 4</u>	<u>X 1</u>	<u> </u>
11	6	12	11	11	9	8	5	9	8
					<u>× 5</u>				
5	12	11	8	5	9	12	9	10	3
$\times$ 4	<u>× 9</u>	<u>× 1</u>	<u>× 2</u>	<u>× 5</u>	<u>× 9</u>	<u>× 2</u>	<u>× 0</u>	<u>× 8</u>	<u>× 0</u>
12	12	12	8	1	3	2	8	7	0
<u>× 10</u>	<u>× 9</u>	<u>× 7</u>	<u>× 7</u>	<u>× 1</u>	<u>× 8</u>	<u>× 9</u>	<u>× 3</u>	<u>× 9</u>	<u>× 6</u>

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### Multiplication Facts 0 - 12

$$6 \times 3 =$$
  $7 \times 4 =$   $0 \times 0 =$   $2 \times 2 =$  \_\_\_\_

$$5 \times 3 =$$

$$5 \times 3 =$$
  $2 \times 1 =$   $10 \times 7 =$   $9 \times 1 =$   $=$ 

$$11 \times 5 =$$
\_\_\_\_

$$8 \times 0 =$$
 \_\_\_\_\_  $12 \times 6 =$  \_\_\_\_\_  $11 \times 5 =$  \_\_\_\_\_  $10 \times 8 =$  \_\_\_\_\_  $3 \times 1 =$  \_\_\_\_\_

$$11 \times 9 =$$
  $5 \times 2 =$   $3 \times 3 =$   $12 \times 4 =$   $10 \times 1 =$ 

$$10 \times 10 =$$
 \_\_\_\_\_  $12 \times 0 =$  \_\_\_\_\_  $10 \times 2 =$  \_\_\_\_\_  $9 \times 7 =$  \_\_\_\_\_  $11 \times 8 =$  \_\_\_\_\_

$$12 \times 0 = _{_{_{_{_{_{_{_{_{_{_{1}}}}}}}}}}$$

$$10 \times 2 =$$

$$10 \times 5 =$$
\_\_\_\_

$$12 \times 9 =$$
\_\_\_\_

$$4 \times 3 =$$
 \_\_\_\_\_  $10 \times 5 =$  \_\_\_\_\_  $12 \times 9 =$  \_\_\_\_\_  $7 \times 5 =$  \_\_\_\_  $4 \times 1 =$  \_\_\_\_\_

$$12 \times 8 =$$

$$12 \times 12 =$$
  $9 \times 8 =$   $5 \times 0 =$   $11 \times 3 =$   $9 \times 6 =$ 

$$3 \times 2 =$$
 \_\_\_\_\_  $7 \times 2 =$  \_\_\_\_  $2 \times 0 =$  \_\_\_\_

$$11 \times 11 =$$
  $4 \times 2 =$   $10 \times 4 =$   $12 \times 3 =$   $7 \times 3 =$ 

$$12 \times 3 =$$

$$10 \times 5 =$$

$$12 \times 5 =$$

$$10 \times 5 =$$
  $9 \times 2 =$   $12 \times 5 =$   $9 \times 3 =$   $7 \times 6 =$ 

$$7 \times 6 =$$

$$11 \times 0 =$$

$$10 \times 9 =$$

$$12 \times 11 =$$
  $11 \times 0 =$   $10 \times 9 =$   $7 \times 7 =$   $1 \times 0 =$ 

$$10 \times 0 = ____ 9 \times 4 = ____$$

$$12 \times 1 = _{_{_{_{_{_{_{_{_{_{_{1}}}}}}}}}}$$

$$11 \times 4 =$$
  $6 \times 1 =$   $12 \times 1 =$   $11 \times 6 =$   $11 \times 12 =$ 

$$9 \times 5 =$$
\_\_\_\_\_

$$9 \times 5 =$$
  $8 \times 5 =$   $5 \times 1 =$   $9 \times 9 =$ 

$$12 \times 9 =$$

$$5 \times 4 =$$
 \_\_\_\_\_  $12 \times 9 =$  \_\_\_\_\_  $11 \times 1 =$  \_\_\_\_\_  $8 \times 2 =$  \_\_\_\_\_  $5 \times 5 =$  \_\_\_\_\_

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

$$9 \times 9 =$$
 \_\_\_\_\_  $12 \times 2 =$  \_\_\_\_\_  $9 \times 0 =$  \_\_\_\_\_  $10 \times 8 =$  \_\_\_\_  $3 \times 0 =$  \_\_\_\_\_

$$12 \times 10 =$$
 \_\_\_\_\_  $12 \times 9 =$  \_\_\_\_  $12 \times 7 =$  \_\_\_\_  $8 \times 7 =$  \_\_\_\_  $1 \times 1 =$  \_\_\_\_

$$8 \times 3 =$$

$$3 \times 8 =$$
  $2 \times 9 =$   $8 \times 3 =$   $7 \times 9 =$   $0 \times 6 =$ 

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### Multiplication Facts 0 - 12

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### Multiplication Facts 0 - 12

$$11 \times 1 = ____ 8 \times 5 = ____$$

$$8 \times 5 =$$
 \_\_\_\_\_  $5 \times 0 =$  \_\_\_\_  $7 \times 4 =$  \_\_\_\_

$$7 \times 4 = _{---}$$

$$9 \times 5 =$$

$$12 \times 8 =$$
  $1 \times 0 =$   $9 \times 5 =$   $11 \times 6 =$   $4 \times 2 =$ 

$$7 \times 6 =$$
  $0 \times 0 =$   $0 \times 0 =$ 

$$0 \times 0 =$$

$$9 \times 1 = ____ 8 \times 8 = ____$$

$$10 \times 7 =$$

$$10 \times 7 =$$
 \_\_\_\_\_  $12 \times 0 =$  \_\_\_\_\_

$$7 \times 3 =$$
\_\_\_\_

$$12 \times 9 = 7 \times 3 = 3 \times 2 = 10 \times 0 = 11 \times 10 =$$

$$12 \times 6 =$$
  $9 \times 9 =$   $11 \times 9 =$   $2 \times 1 =$   $6 \times 5 =$ 

$$6 \times 5 =$$

$$12 \times 5 =$$
\_\_\_\_

$$9 \times 4 =$$
  $11 \times 8 =$   $12 \times 5 =$   $6 \times 1 =$   $5 \times 4 =$ 

$$12 \times 3 =$$
  $2 \times 0 =$ 

$$11 \times 7 = ____ 12 \times 4 = ____$$

$$12 \times 4 =$$
\_\_\_\_

$$10 \times 6 =$$
\_\_\_\_

$$9 \times 8 =$$
 \_\_\_\_\_  $10 \times 6 =$  \_\_\_\_\_  $5 \times 3 =$  \_\_\_\_\_  $4 \times 8 =$  \_\_\_\_\_  $1 \times 1 =$  \_\_\_\_\_

$$7 \times 5 =$$
\_\_\_\_\_

$$12 \times 1 =$$
  $8 \times 3 =$   $7 \times 5 =$   $10 \times 4 =$   $4 \times 1 =$ 

$$11 \times 3 = ____ 9 \times 6 = ____$$

$$4 \times 3 =$$
\_\_\_\_\_

$$3 \times 9 = ____ 12 \times 7 = ____$$

$$10 \times 3 =$$

$$6 \times 4 =$$
 \_\_\_\_\_  $10 \times 3 =$  \_\_\_\_\_  $11 \times 5 =$  \_\_\_\_\_

$$12 \times 12 =$$

$$12 \times 12 =$$
  $5 \times 2 =$   $11 \times 0 =$   $7 \times 2 =$   $8 \times 4 =$ 

$$7 \times 2 =$$

$$8 \times 4 =$$

$$11 \times 11 = 5 \times 9 = 4 \times 0 = 6 \times 8 = 10 \times 2 =$$

$$5 \times 9 =$$

$$6 \times 8 =$$

$$8 \times 7 =$$
 \_\_\_\_\_  $2 \times 2 =$  \_\_\_\_\_  $10 \times 2 =$  \_\_\_\_\_  $7 \times 1 =$  \_\_\_\_\_

$$12 \times 2 =$$
\_\_\_\_

$$12 \times 2 =$$
  $10 \times 1 =$   $9 \times 7 =$   $10 \times 8 =$   $7 \times 0 =$ 

$$8 \times 9 =$$
  $10 \times 10 =$   $3 \times 1 =$   $4 \times 7 =$   $4 \times 4 =$ 

$$5 \times 5 =$$

$$3 \times 7 =$$
\_\_\_\_

$$7 \times 7 =$$
\_\_\_\_\_

$$3 \times 9 =$$

$$5 \times 6 =$$
  $11 \times 9 =$   $3 \times 9 =$   $2 \times 5 =$   $12 \times 6 =$ 

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## Multiplication Facts 0-12

		FIVE	minule	iimea ai	III WIIII TU	ploble	1 15.		
11	2	12	5	10	9	7	10	11	4
<u>× 7</u>	<u>× 0</u>	<u>× 4</u>	<u>× 2</u>	<u>× 8</u>	<u>× 6</u>	<u>× 2</u>	<u>× 3</u>	<u>× 9</u>	<u>× 1</u>
12	8	9	10	3	11	12	0	6	8
<u>× 2</u>	<u>× 5</u>	<u>× 9</u>	<u>× 0</u>	<u>× 1</u>	<u>× 6</u>	<u>× 9</u>	<u>× 0</u>	<u>× 3</u>	<u>× 2</u>
7	11	9	6	10	12	7	3	9	5
<u>× 4</u>	<u>× 3</u>	<u>× 4</u>	<u>× 0</u>	<u>× 7</u>	<u>× 8</u>	<u>× 6</u>	<u>× 2</u>	<u>× 5</u>	<u>× 0</u>
9	4	10	12	1	12	6	5	8	11
<u>× 0</u>	<u>× 2</u>	<u>× 5</u>	<u>× 7</u>	<u>× 0</u>	<u>× 5</u>	<u>× 4</u>			
11		5			12			8	
<u>× 2</u>					× 11				
12 <u>× 1</u>		3 × 6			11 <u>× 1</u>				
3					2				
					<u>× 6</u>				
					9				
					× 8				
					12				
<u>× 11</u>	<u>× 5</u>	<u>× 2</u>	<u>× 8</u>	<u>× 1</u>	<u>× 12</u>	<u>× 3</u>	<u>× 8</u>	<u>× 5</u>	<u>× 3</u>
					2				
$\times$ 4	$\times$ 3	$\times$ 9	$\times$ 7	× 8	$\times$ 4	$\times$ 7	$\times$ 4	× 6	$\times$ 7

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### Multiplication Facts 0 - 12

$$11 \times 7 = ____ 2 \times 0 = ____$$

$$2 \times 0 =$$
  $12 \times 4 =$   $5 \times 2 =$   $10 \times 8 =$ 

$$7 \times 2 =$$

$$10 \times 3 =$$

$$9 \times 6 =$$
 \_\_\_\_\_  $7 \times 2 =$  \_\_\_\_\_  $10 \times 3 =$  \_\_\_\_\_  $11 \times 9 =$  \_\_\_\_\_  $4 \times 1 =$  \_\_\_\_\_

$$4 \times 1 =$$

$$12 \times 2 =$$
  $8 \times 5 =$   $9 \times 9 =$ 

$$8 \times 5 =$$

$$10 \times 0 = ____ 3 \times 1 = ____$$

$$11 \times 6 =$$
  $12 \times 9 =$   $0 \times 0 =$ 

$$7 \times 4 =$$
  $11 \times 3 =$   $9 \times 4 =$ 

$$11 \times 3 =$$
\_\_\_\_

$$12 \times 8 = ____ 7 \times 6 = ____$$

$$3 \times 2 =$$
  $9 \times 5 =$   $5 \times 0 =$ 

$$10 \times 5 =$$
\_\_\_\_

$$9 \times 0 =$$
 \_\_\_\_\_  $4 \times 2 =$  \_\_\_\_\_  $10 \times 5 =$  \_\_\_\_\_  $12 \times 7 =$  \_\_\_\_\_  $1 \times 0 =$  \_\_\_\_\_

$$1 \times 0 =$$

$$12 \times 5 =$$
  $6 \times 4 =$ 

$$5 \times 1 = _{---}$$

$$11 \times 2 = ____ 8 \times 7 = ____$$

$$8 \times 7 =$$

$$5 \times 4 =$$

$$10 \times 6 =$$
  $11 \times 10 =$ 

$$12 \times 11 = ____ 7 \times 0 = ____$$

$$3 \times 6 =$$
 \_\_\_\_\_  $10 \times 9 =$  \_\_\_\_\_  $12 \times 3 =$  \_\_\_\_\_

$$12 \times 3 =$$
\_\_\_\_

$$11 \times 1 =$$
  $5 \times 3 =$   $11 \times 0 =$   $2 \times 1 =$ 

$$3 \times 0 = ____ 12 \times 6 = ____$$

$$5 \times 5 =$$

$$5 \times 5 =$$
  $10 \times 2 =$ 

$$7 \times 5 =$$

$$8 \times 4 =$$

$$12 \times 0 = 6 \times 2 = 4 \times 3 =$$

$$4 \times 3 =$$

$$10 \times 10 =$$

$$9 \times 8 =$$
  $11 \times 5 =$   $7 \times 1 =$ 

$$11 \times 5 =$$
\_\_\_\_

$$7 \times 1 =$$

$$7 \times 7 = _{\_\_\_}$$

$$11 \times 11 = ____ 6 \times 5 = ____$$

$$2 \times 2 =$$
 \_\_\_\_\_  $11 \times 8 =$  \_\_\_\_\_  $10 \times 1 =$  \_\_\_\_\_

$$10 \times 1 = _{_{_{_{_{_{_{_{_{_{_{1}}}}}}}}}}$$

$$12 \times 12 = 7 \times 3 = 2 \times 8 =$$

$$7 \times 3 =$$
\_\_\_\_\_

$$3 \times 5 =$$
\_\_\_\_

$$2 \times 4 = 9 \times 3 =$$

$$9 \times 3 =$$

$$9 \times 7 =$$

$$3 \times 4 =$$

$$6 \times 4 = 9 \times 7 = 3 \times 4 = 4 \times 6 = 2 \times 7 =$$

$$2 \times 7 =$$

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### Multiplication Facts 0 - 12

	Five minute timea ariii with 100 problems.										
9	10	12	6	2	7	11	8	9	10		
<u>× 8</u>	<u>× 5</u>	<u>× 9</u>	<u>× 4</u>	<u>× 1</u>	<u>× 3</u>	<u>× 5</u>	<u>× 0</u>	<u>× 2</u>	<u>× 1</u>		
12	9	4	10	11	7	1	5	8	9		
<u>× 2</u>	<u>× 6</u>	<u>× 2</u>	<u>× 3</u>	<u>× 1</u>	<u>× 0</u>	<u>× 1</u>	<u>× 2</u>	<u>× 6</u>	<u>× 3</u>		
6	0	10	10	4	7	3	12	11	10		
<u>× 7</u>	<u>× 4</u>	<u>× 8</u>	<u>× 6</u>	<u>× 8</u>	<u>× 5</u>	<u>× 0</u>	<u>× 6</u>	<u>× 9</u>	<u>× 0</u>		
10	9		12			2		5			
× 10	<u>× 5</u>	<u>× 3</u>	<u>× 5</u>	<u>× 0</u>	<u>× 9</u>	<u>× 6</u>	<u>× 0</u>	<u>× 4</u>	<u>× 2</u>		
3	11			8					1		
<u>× 1</u>	<u>× 8</u>			<u>× 1</u>				<u>× 8</u>	<u>× 0</u>		
0	3	12	10			9		5			
<u>× 9</u>	<u>× 8</u>	<u>× 4</u>									
11		7		4							
	<u>× 10</u>										
	11										
<u>× 3</u>	<u>× 6</u>	<u>× 2</u>	<u>× 6</u>	<u>× 2</u>	<u>× 7</u>	<u>× 5</u>	<u>× 1</u>	<u>× 3</u>	<u>× 0</u>		
3				6							
	<u>× 7</u>										
11				12							
<u>× 11</u>	<u>× 3</u>	$\times$ 4	$\times 2$	$\times$ 1	<u>× 8</u>	<u>× 9</u>	$\times$ 4	$\times 7$	<u>× 6</u>		

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### Multiplication Facts 0 - 12

$$10 \times 5 =$$
 \_\_\_\_\_  $12 \times 9 =$  \_\_\_\_  $6 \times 4 =$  \_\_\_\_  $2 \times 1 =$  \_\_\_\_

$$2 \times 1$$

$$7 \times 3 =$$

$$7 \times 3 =$$
  $11 \times 5 =$   $8 \times 0 =$   $9 \times 2 =$   $10 \times 1 =$ 

$$12 \times 2 = ____ 9 \times 6 = ____$$

$$9 \times 6 =$$
\_\_\_\_

$$10 \times 3 = 11 \times 1 =$$

$$5 \times 2 =$$

$$5 \times 2 =$$
  $8 \times 6 =$   $9 \times 3 =$ 

$$9 \times 3 =$$

$$0 \times 4 =$$

$$10 \times 8 =$$

$$0 \times 4 =$$
 \_\_\_\_\_  $10 \times 8 =$  \_\_\_\_\_  $10 \times 6 =$  \_\_\_\_\_  $4 \times 8 =$  \_\_\_\_\_

$$4 \times 8 =$$

$$7 \times 5 =$$
\_\_\_\_

$$12 \times 6 =$$
\_\_\_\_

$$7 \times 5 =$$
  $3 \times 0 =$   $12 \times 6 =$   $11 \times 9 =$   $10 - 0 =$ 

$$10 \times 10 =$$
 \_\_\_\_  $9 \times 5 =$  \_\_\_  $5 \times 3 =$  \_\_\_  $12 \times 5 =$  \_\_\_  $11 \times 0 =$  \_\_\_

$$9 \times 5 =$$

$$12 \times 0 =$$

$$1 \times 9 =$$
  $2 \times 6 =$   $12 \times 0 =$   $5 \times 4 =$   $2 \times 2 =$ 

$$11 \times 8 =$$

$$7 \times 4 =$$
\_\_\_\_

$$3 \times 1 =$$
  $11 \times 8 =$   $7 \times 4 =$   $12 \times 11 =$   $8 \times 1 =$ 

$$6 \times 6 =$$
  $10 \times 4 =$   $11 \times 7 =$   $12 \times 8 =$   $1 \times 0 =$ 

$$10 \times 4 =$$

$$11 \times 7 =$$

$$0 \times 9 =$$

$$0 \times 9 =$$
 \_\_\_\_\_  $3 \times 8 =$  \_\_\_\_\_  $12 \times 4 =$  \_\_\_\_\_  $10 \times 7 =$  \_\_\_\_\_  $12 \times 10 =$  \_\_\_\_\_

$$10 \times 7 =$$

$$8 \times 5 =$$
  $9 \times 9 =$   $10 \times 9 =$   $5 \times 0 =$   $4 \times 1 =$ 

$$11 \times 4 =$$

$$11 \times 10 =$$

$$7 \times 1 =$$

$$11 \times 4 =$$
  $11 \times 10 =$   $7 \times 1 =$   $12 \times 12 =$   $4 \times 9 =$ 

$$4 \times 9 =$$

$$3 \times 9 =$$

$$3 \times 2 =$$
 \_\_\_\_\_  $3 \times 9 =$  \_\_\_\_\_  $8 \times 7 =$  \_\_\_\_\_  $7 \times 2 =$  \_\_\_\_\_  $11 \times 3 =$  \_\_\_\_\_

$$11 \times 3 =$$

$$12 \times 3 =$$

$$11 \times 6 =$$

$$12 \times 3 =$$
  $11 \times 6 =$   $10 \times 2 =$   $4 \times 6 =$   $8 \times 2 =$ 

$$7 \times 7 =$$
 \_\_\_\_\_  $6 \times 5 =$  \_\_\_\_\_  $5 \times 1 =$  \_\_\_\_\_  $4 \times 3 =$  \_\_\_\_\_

$$3 \times 5 =$$
\_\_\_\_\_

$$3 \times 5 =$$
 \_\_\_\_\_  $4 \times 7 =$  \_\_\_\_\_  $0 \times 0 =$  \_\_\_\_\_  $5 \times 5 =$  \_\_\_\_\_  $6 \times 1 =$  \_\_\_\_\_

$$1 \times 5 =$$
\_\_\_\_\_

$$1 \times 5 =$$
  $11 \times 12 =$   $10 \times 11 =$   $8 \times 8 =$   $6 \times 0 =$   $11 \times 12 =$ 

$$6 \times 0 =$$

$$11 \times 11 = 6 \times 3 =$$

$$6 \times 3 =$$

$$9 \times 4 =$$

$$5 \times 8 =$$
  $7 \times 9 =$   $9 \times 4 =$   $12 \times 7 =$   $5 \times 6 =$ 

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## Multiplication Facts 0 - 12

		1100	- IIIII IUIC	iii iiea aii	II VVIII I C	o problei	113.		
7	9	11	2	5	10	12	8	11	12
<u>× 0</u>	<u>× 2</u>	$\times$ 4	<u>× 1</u>	× 0	× 6	<u>× 3</u>	× 5	× 7	× 9
5	12	9	11	10	4	8	12	8	9
						<u>× 7</u>			
	<u>`</u>				<u></u>	<u>-</u>			
11	8	3	6	12	11	5	2	10	12
						<u>× 3</u>			
3	12	10	6	12	7	0	4	9	6
× 6	$\times$ 4	× 5	× 7	× 10	× 3	<u>× 0</u>	× 2	× 0	× 5
11	4	10	8	5	12	12	10	7	4
<u>× 8</u>	× 3	× 1	$\times$ 4	× 1	× 6	<u>× 8</u>	× 8	× 5	× 0
4	7	9	11	6	10	3	6	5	8
$\times$ 4	<u>× 2</u>	× 5	× 6	× 2	× 7	$\times$ 4	$\times$ 0	× 4	× 3
11	1	10	3	9	12	9	3	8	11
<u>× 3</u>	<u>× 1</u>	× 9	× 9	× 7	× 0	$\times$ 4	<u>× 1</u>	× 2	<u>× 1</u>
12	9	6	5	11	10	9	8	11	8
× 12	<u>× 8</u>	<u>× 1</u>	× 2	$\times$ 0	× 3	× 9	<u>× 1</u>	× 10	× 8
1	7	5	4	1	3	5	10	9	10
× 6	× 7	× 7	× 6	× 7	× 0	× 9	× 2	× 1	× 10
2	6	2	4	6	8	11	3	4	3
<u>× 2</u>	× 9	<u>× 5</u>	× 7	<u>× 6</u>	× 9	<u>× 11</u>	<u>× 3</u>	× 7	$\times$ 4

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### Multiplication Facts 0 - 12

$$7 \times 0 = ____ 9$$

$$9 \times 2 =$$
 \_\_\_\_\_  $11 \times 4 =$  \_\_\_\_\_  $2 \times 1 =$  \_\_\_\_\_  $5 \times 0 =$  \_\_\_\_\_

$$10 \times 6 =$$
 \_\_\_\_\_  $12 \times 3 =$  \_\_\_\_\_  $8 \times 5 =$  \_\_\_\_\_  $11 \times 7 =$  \_\_\_\_\_  $12 \times 9 =$  \_\_\_\_\_

$$12 \times 3 =$$
\_\_\_\_

$$11 \times 7 =$$

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

$$12 \times 7 =$$

$$5 \times 5 =$$
  $12 \times 7 =$   $9 \times 6 =$   $11 \times 5 =$   $10 \times 0 =$ 

$$4 \times 1 =$$
  $8 \times 7 =$   $12 \times 5 =$   $8 \times 0 =$   $9 \times 3 =$ 

$$11 \times 9 =$$

$$11 \times 9 =$$
  $8 \times 6 =$   $3 \times 2 =$   $6 \times 4 =$   $12 \times 1 =$ 

$$5 \times 3 =$$

$$11 \times 2 =$$
  $5 \times 3 =$   $2 \times 0 =$   $10 \times 4 =$   $12 \times 11 =$ 

$$3 \times 6 =$$
\_\_\_\_

$$12 \times 4 =$$

$$10 \times 5 =$$
\_\_\_\_

$$3 \times 6 =$$
  $12 \times 4 =$   $10 \times 5 =$   $6 \times 7 =$   $12 \times 10 =$ 

$$7 \times 3 =$$
 \_\_\_\_\_

$$11 \times 8 =$$
  $4 \times 3 =$   $10 \times 1 =$   $8 \times 4 =$ 

$$12 \times 6 =$$
 \_\_\_\_\_  $12 \times 8 =$  \_\_\_\_\_  $10 \times 8 =$  \_\_\_\_\_  $7 \times 5 =$  \_\_\_\_\_

$$12 \times 8 =$$

$$10 \times 8 =$$

$$7 \times 5 =$$
\_\_\_\_

$$9 \times 5 =$$
\_\_\_\_\_

$$4 \times 4 =$$
  $7 \times 2 =$   $9 \times 5 =$   $11 \times 6 =$   $6 \times 2 =$ 

$$10 \times 7 = ____ 3 \times 4 = ____$$

$$3 \times 4 =$$
\_\_\_\_

$$11 \times 3 =$$
  $1 \times 1 =$   $10 \times 9 =$   $3 \times 9 =$   $9 \times 7 =$ 

$$3 \times 9 =$$

$$9 \times 7 =$$

$$12 \times 0 = ____ 9 \times 4 = ____$$

$$3 \times 1 = _{_{_{_{_{_{_{_{_{_{_{1}}}}}}}}}}$$

$$3 \times 1 =$$
  $8 \times 2 =$   $11 \times 1 =$ 

$$12 \times 12 = 9 \times 8 =$$

$$6 \times 1 = ___ 5 \times 2 = ___ 11 \times 0 = ___$$

$$10 \times 3 =$$

$$10 \times 3 =$$
  $9 \times 9 =$   $8 \times 1 =$   $11 \times 10 =$   $8 \times 8 =$ 

$$1 \times 7 =$$
\_\_\_\_

$$10 \times 2 =$$

$$3 \times 0 =$$
 \_\_\_\_\_  $5 \times 9 =$  \_\_\_\_\_  $10 \times 2 =$  \_\_\_\_\_  $9 \times 1 =$  \_\_\_\_\_  $10 \times 10 =$  \_\_\_\_\_

$$6 \times 9 =$$

$$2 \times 2 =$$
  $6 \times 9 =$   $2 \times 5 =$   $7 \times 4 =$   $6 \times 6 =$ 

$$3 \times 3 =$$

$$3 \times 4 =$$

### Multiplication Facts 0 - 12

$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$	6 × 3 18	$ \begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array} $	0 × 0 0	2 × 2 4	$\begin{array}{c} 7 \\ \times 1 \\ \hline 7 \end{array}$	5 × 3 15		$ \begin{array}{r} 10 \\ \times 7 \\ \hline 70 \end{array} $	9 × 1 9
8 × 0 0	$ \begin{array}{r} 12 \\ \times 6 \\ \hline 72 \end{array} $	11 <u>× 5</u> 55	10 × 8 80	3 × 1 3	11 × 9 99	5 × 2 10	3 × 3 9	12 × 4 48	$\begin{array}{r} 10 \\ \times 1 \\ \hline 10 \end{array}$
$ \begin{array}{r} 10 \\ \times 10 \\ \hline 100 \end{array} $	12 × 0 0	$ \begin{array}{r} 10 \\ \times 2 \\ \hline 20 \end{array} $	9 × 7 63	11 × 8 88	4 × 3 12		12 <u>× 9</u> 108	7 × 5 35	4 × 1 4
11 × 10 110	$\begin{array}{c} 7 \\ \times 0 \\ \hline 0 \end{array}$	6 × 5 30	4 × 0 0		10 × 6 60	6 × 2 12	8 × 8 64	$ \begin{array}{c} 10 \\ \times 3 \\ \hline 30 \end{array} $	6 × 6 36
$ \begin{array}{r} 12 \\ \times 12 \\ \hline 144 \end{array} $	9 × 8 72	5 × 0 0	11 × 3 33	9 × 6 54	3 × 2 6	11 × 7 77	$\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array}$	2 × 0 0	$\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$
11 × 11 121	4 × 2 8	$ \begin{array}{r} 10 \\ \times 4 \\ 40 \end{array} $	12 × 3 36	$ \begin{array}{c} 7 \\ \times 3 \\ \hline 21 \end{array} $	10 × 5 50	9 × 2 18	12 × 5 60	9 × 3 27	$ \begin{array}{r} 7 \\ \times 6 \\ 42 \end{array} $
12 × 11 132	11 × 0 0	10 × 9 90	$\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$	1 × 0 0	10 × 0 0	9 × 4 36	$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$	8 × 1 8	6 × 0 0
$\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \end{array}$	6 × 1 6	12 <u>× 1</u> 12	11 <u>× 6</u> 66	11 <u>× 12</u> 132		$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$	5 <u>× 1</u> 5		$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$
	12 <u>× 9</u> 108	11 <u>× 1</u> 11		5 × 5 25					$\begin{array}{c} 3 \\ \times 0 \\ \hline 0 \end{array}$
$ \begin{array}{r} 12 \\ \times 10 \\ \hline 120 \end{array} $	12 × 9 108	$12 \times 7 \\ \hline 84$	8 × 7 56	1 × 1 1	$\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$	2 × 9 18	$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$	7 × 9 63	0 × 6 0

#### Multiplication Facts 0 - 12

$$4 \times 4 = 16$$

$$6 \times 3 = 18$$

$$7 \times 4 = 28$$

$$0 \times 0 = \underline{0}$$

$$2 \times 2 = \underline{4}$$

$$7 \times 1 = 7$$

$$5 \times 3 = 15$$

$$2 \times 1 = 2$$

$$10 \times 7 = 70$$

$$9 \times 1 = 9$$

$$0 = 0 \times 8$$

$$12 \times 6 = 72$$

$$11 \times 5 = 55$$

$$10 \times 8 = 80$$

$$3 \times 1 = 3$$

$$11 \times 9 = 99$$

$$5 \times 2 = 10$$

$$3 \times 3 = 9$$

$$12 \times 4 = 48$$

$$10 \times 1 = 10$$

$$10 \times 10 = 100$$

$$12 \times 0 = 0$$

$$10 \times 2 = 20$$

$$9 \times 7 = 63$$

$$11 \times 8 = 88$$

$$4 \times 3 = 12$$

$$10 \times 5 = 50$$

$$12 \times 9 = 108$$

$$7 \times 5 = \underline{35}$$

$$4 \times 1 = \underline{4}$$

$$11 \times 10 = 110$$

$$7 \times 0 = 0$$

$$6 \times 5 = \underline{30}$$

$$4 \times 0 = \underline{0}$$

$$12 \times 8 = 96$$

$$10 \times 6 = 60$$

$$6 \times 2 = 12$$

$$8 \times 8 = \underline{64}$$

$$10 \times 3 = 30$$

$$6\times 6=\underline{36}$$

$$12 \times 12 = 144$$

$$9 \times 8 = 72$$

$$5 \times 0 = \underline{0}$$

$$11 \times 3 = 33$$

$$9 \times 6 = 54$$

$$3 \times 2 = 6$$

$$11 \times 7 = 77$$

$$7 \times 2 = 14$$

$$2 \times 0 = \underline{0}$$

$$8 \times 4 = 32$$

$$11 \times 11 = \underline{121}$$

$$4 \times 2 = \underline{8}$$

$$10 \times 4 = \underline{40}$$

$$12 \times 3 = 36$$

$$7 \times 3 = \underline{21}$$

$$10 \times 5 = \underline{50}$$

$$9 \times 2 = 18$$

$$12 \times 5 = \underline{60}$$

$$9 \times 3 = \underline{27}$$

$$7 \times 6 = \underline{42}$$

$$12 \times 11 = 132$$

$$11 \times 0 = \underline{0}$$

$$10\times9=\underline{90}$$

$$7 \times 7 = 49$$

$$1 \times 0 = 0$$

$$10\times 0=\underline{0}$$

$$9 \times 4 = 36$$

$$6\times 4=\underline{24}$$

$$8 \times 1 = 8$$

$$6 \times 0 = 0$$

$$11 \times 4 = \underline{44}$$

$$6 \times 1 = 6$$

$$12 \times 1 = \underline{12}$$

$$11 \times 6 = \underline{66}$$

$$11 \times 12 = 132$$

$$9 \times 5 = \underline{45}$$

$$8 \times 5 = 40$$

$$5 \times 1 = 5$$

$$9 \times 9 = 81$$

$$8\times 6=\underline{48}$$

$$5 \times 4 = 20$$

$$12 \times 9 = 108$$

$$11 \times 1 = \underline{11}$$

$$8 \times 2 = 16$$

$$5 \times 5 = \underline{25}$$

$$9 \times 9 = 81$$

$$12 \times 2 = 24$$

$$9 \times 0 = \underline{0}$$

$$10 \times 8 = 80$$

$$3 \times 0 = \underline{0}$$

$$12 \times 10 = 120$$

$$12 \times 9 = 108$$

$$12 \times 7 = 84$$

$$8 \times 7 = 56$$

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

$$3 \times 8 = 24$$

$$2 \times 9 = 18$$

$$8 \times 3 = 24$$

$$7 \times 9 = 63$$

$$0 \times 6 = 0$$

# Multiplication Facts 0 - 12

11 × 1 11	$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$	10 × 9 90	5 × 0 0			1 × 0 0			4 × 2 8
$ \begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array} $	10 × 5 50	0 × 0 0		6 × 3 18	9 × 1 9	12 × 11 132			$\begin{array}{c} 12 \\ \times 0 \\ \hline 0 \end{array}$
12 <u>× 9</u> 108	$ \begin{array}{c} 7 \\ \times 3 \\ \hline 21 \end{array} $	3 × 2 6	10 × 0 0			9 × 9 81			6 × 5 30
9 × 4 36	11 × 8 88	12 × 5 60	6 × 1 6	$\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$		2 × 0 0		$\begin{array}{r} 11 \\ \times 7 \\ \hline 77 \end{array}$	$ \begin{array}{r} 12 \\ \times 4 \\ 48 \end{array} $
9 × 8 72	10 × 6 60	5 × 3 15	$\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$	1 × 1 1		3 × 3 9		$ \begin{array}{r} 12 \\ \times 10 \\ \hline 120 \end{array} $	8 × 0 0
12 <u>× 1</u> 12	$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$	$ \begin{array}{c} 7 \\ \times 5 \\ \hline 35 \end{array} $	$\begin{array}{r} 10 \\ \times 4 \\ \hline 40 \end{array}$	$\begin{array}{c} 4 \\ \times 1 \\ \hline 4 \end{array}$	11 × 3 33	9 × 6 54	<u>× 2</u>	6 × 6 36	$\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$
$\begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array}$	$ \begin{array}{r} 12 \\ \times 7 \\ \hline 84 \end{array} $	$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$	$ \begin{array}{r} 10 \\ \times 3 \\ \hline 30 \end{array} $	11 <u>× 5</u> 55	$ \begin{array}{r} 12 \\ \times 12 \\ \hline 144 \end{array} $	5 × 2 10		$ \begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array} $	$\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$
11 × 11 121	5 × 9 45		6 × 8 48			2 × 2 4		$\begin{array}{c} 7 \\ \times 1 \\ \hline 7 \end{array}$	
								$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$	
6 × 0 0	5 × 5 25	$\begin{array}{c} 3 \\ \times 7 \\ \hline 21 \end{array}$	8 × 1 8	$\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$	5 × 6 30	11 × 9 99	$\begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array}$	2 × 5 10	$ \begin{array}{r} 12 \\ \times 6 \\ \hline 72 \end{array} $

### Multiplication Facts 0 - 12

$$11 \times 1 = 11$$

$$8 \times 5 = 40$$

$$10 \times 9 = 90$$

$$5 \times 0 = \underline{0}$$

$$7 \times 4 = 28$$

$$12 \times 8 = 96$$
  $1 \times 0 = 0$ 

$$1 \times 0 = 0$$

$$9 \times 5 = 45$$

$$11 \times 6 = \underline{66} \qquad 4 \times 2 = \underline{8}$$

$$4 \times 2 = 8$$

$$7 \times 6 = 42$$

$$10 \times 5 = 50$$

$$0 \times 0 = \underline{0}$$

$$9 \times 3 = 27$$

$$6 \times 3 = 18$$

$$9 \times 1 = 9$$

$$12 \times 11 = 132$$

$$8 \times 8 = 64$$

$$10 \times 7 = 70$$

$$12\times0=\underline{0}$$

$$12 \times 9 = \underline{108}$$
  $7 \times 3 = \underline{21}$ 

$$7 \times 3 = 21$$

$$3 \times 2 = \underline{6}$$

$$10 \times 0 = 0$$

$$11 \times 10 = 110$$

$$12 \times 6 = \underline{72}$$
  $9 \times 9 = \underline{81}$ 

$$9 \times 9 = 81$$

$$11 \times 9 = 99$$

$$2 \times 1 = 2$$

$$6 \times 5 = 30$$

$$9 \times 4 = 36$$

$$11 \times 8 = 88$$

$$12 \times 5 = \underline{60}$$

$$6 \times 1 = \underline{6}$$

$$6 \times 1 = \underline{6} \qquad \qquad 5 \times 4 = \underline{20}$$

$$12 \times 3 = \underline{36} \qquad 2 \times 0 = \underline{0}$$

$$2 \times 0 = 0$$

$$9 \times 2 = \underline{18}$$

$$11 \times 7 = \underline{77}$$
  $12 \times 4 = \underline{48}$ 

$$12 \times 4 = \underline{48}$$

$$9 \times 8 = 72$$

$$9 \times 8 = \underline{72}$$
  $10 \times 6 = \underline{60}$ 

$$5 \times 3 = 15$$

$$4 \times 8 = \underline{32} \qquad 1 \times 1 = \underline{1}$$

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

$$8 \times 6 = 48$$
  $3 \times 3 = 9$ 

$$3 \times 3 = 9$$

$$11 \times 4 = 44$$

$$12 \times 10 = 120$$

$$8 \times 0 = 0$$

$$12 \times 1 = \underline{12}$$
  $8 \times 3 = \underline{24}$ 

$$8 \times 3 = 24$$

$$7 \times 5 = 35$$

$$10 \times 4 = 40$$

$$4 \times 1 = \underline{4}$$

$$11 \times 3 = 33$$
  $9 \times 6 = 54$ 

$$9 \times 6 = 54$$

$$8 \times 2 = 16$$

$$6 \times 6 = 36$$

$$4 \times 3 = 12$$

$$3 \times 9 = 27$$

$$3 \times 9 = 27$$
  $12 \times 7 = 84$ 

$$6 \times 4 = 24$$

$$10 \times 3 = 30$$

$$11 \times 5 = 55$$

$$12 \times 12 = 144$$
  $5 \times 2 = 10$ 

$$5 \times 2 = 10$$

$$11 \times 0 = 0$$

$$7 \times 2 = 14$$

$$8 \times 4 = 32$$

$$11 \times 11 = 121$$

$$5 \times 9 = 45$$

$$4 \times 0 = 0$$

$$6 \times 8 = 48$$

$$10 \times 2 = 20$$

$$8 \times 7 = 56$$

$$2 \times 2 = 4$$

$$10 \times 2 = 20$$

$$7 \times 1 = 7$$

$$3 \times 0 = \underline{0}$$

$$12 \times 2 = 24$$
  $10 \times 1 = 10$ 

$$10 \times 1 = 10$$

$$9 \times 7 = 63$$

$$10 \times 8 = 80$$

$$7 \times 0 = 0$$

$$8 \times 9 = 72$$

$$8 \times 9 = \underline{72}$$
  $10 \times 10 = \underline{100}$ 

$$3 \times 1 = 3$$

$$4 \times 7 = 28$$

$$4 \times 4 = 16$$

$$6 \times 0 = 0$$

$$6 \times 0 = 0$$
  $5 \times 5 = 25$ 

$$3 \times 7 = 21$$

$$8 \times 1 = 8$$

$$7 \times 7 = 49$$

$$5 \times 6 = 30$$
  $11 \times 9 = 99$   $3 \times 9 = 27$ 

$$2 \times 5 = 10$$
  $12 \times 6 = 72$ 

## Multiplication Facts 0 -12

$\begin{array}{r} 11 \\ \times 7 \\ \hline 77 \end{array}$	2 × 0 0	$ \begin{array}{r} 12 \\ \times 4 \\ \hline 48 \end{array} $	5 × 2 10	$ \begin{array}{r} 10 \\ \times 8 \\ 80 \end{array} $	9 × 6 54				$\begin{array}{c} 4 \\ \times 1 \\ \hline 4 \end{array}$
$ \begin{array}{r} 12 \\ \times 2 \\ \hline 24 \end{array} $	$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$	9 × 9 81	$\begin{array}{r} 10 \\ \times 0 \\ \hline 0 \end{array}$	3 × 1 3	11 × 6 66	12 × 9 108		6 × 3 18	$\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$
$7 \times 4 \over 28$	11 × 3 33	9 × 4 36	6 × 0 0	$ \begin{array}{r} 10 \\ \times 7 \\ \hline 70 \end{array} $		$ \begin{array}{r} 7 \\ \times 6 \\ 42 \end{array} $		9 × 5 45	5 × 0 0
9 × 0 0	4 × 2 8	10 × 5 50	$ \begin{array}{r} 12 \\ \times 7 \\ 84 \end{array} $	$\begin{array}{c} 1 \\ \times 0 \\ \hline 0 \end{array}$	12 <u>× 5</u> 60			8 × 0 0	
11 × 2 22	8 × 7 56	$\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$	$ \begin{array}{r} 10 \\ \times 6 \\ \hline 60 \end{array} $	$\begin{array}{r} 11 \\ \times 10 \\ \hline 110 \end{array}$		$\begin{array}{c} 7 \\ \times 0 \\ \hline 0 \end{array}$	3 × 3 9	$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$	$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$
12 <u>× 1</u> 12	9 × 2 18	3 × 6 18	10 × 9 90		11 <u>× 1</u> 11		11 × 0 0	$\begin{array}{c} 2 \\ \times 1 \\ \hline 2 \end{array}$	6 × 6 36
3 × 0 0	$ \begin{array}{r} 12 \\ \times 6 \\ \hline 72 \end{array} $	8 × 1 8	5 × 5 25	$ \begin{array}{r} 10 \\ \times 2 \\ \hline 20 \end{array} $	$\begin{array}{c} 2 \\ \times 6 \\ \hline 12 \end{array}$	$ \begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array} $	6 × 1 6	4 × 0 0	$\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$
12 <u>× 0</u> 0	6 × 2 12	4 × 3 12			$\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$				$\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$
11 × 11 121	6 × 5 30	2 × 2 4	11 × 8 88	$ \begin{array}{r} 10 \\ \times 1 \\ \hline 10 \end{array} $	$ \begin{array}{r} 12 \\ \times 12 \\ \hline 144 \end{array} $	$ \begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array} $	2 × 8 16	3 × 5 15	$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$
$\begin{array}{r} 10 \\ \times 4 \\ \hline 40 \end{array}$	$\begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array}$	4 × 9 36	5 × 7 35	7 × 8 56	2 × 4 8	$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$	$\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$	$\begin{array}{r} 4 \\ \times 6 \\ \hline 24 \end{array}$	$\begin{array}{c} 2 \\ \times 7 \\ \hline 14 \end{array}$

### Multiplication Facts 0 - 12

$$11 \times 7 = 77$$

$$2 \times 0 = \underline{0}$$

$$12 \times 4 = 48$$

$$5 \times 2 = 10$$

$$10 \times 8 = 80$$

$$9 \times 6 = 54$$
  $7 \times 2 = 14$ 

$$7 \times 2 = 14$$

$$10 \times 3 = 30$$

$$11 \times 9 = 99 \qquad 4 \times 1 = 4$$

$$4 \times 1 = 4$$

$$12 \times 2 = 24$$
  $8 \times 5 = 40$ 

$$8 \times 5 = 40$$

$$9 \times 9 = 81$$

$$10 \times 0 = \underline{0}$$

$$3 \times 1 = 3$$

$$11 \times 6 = 66$$

$$11 \times 6 = \underline{66}$$
  $12 \times 9 = \underline{108}$ 

$$0 \times 0 = 0$$

$$6 \times 3 = 18$$

$$8 \times 2 = 16$$

$$7 \times 4 = 28$$

$$7 \times 4 = 28$$
  $11 \times 3 = 33$ 

$$9 \times 4 = 36$$

$$6 \times 0 = \underline{0}$$

$$10 \times 7 = 70$$

$$12 \times 8 = 96$$
  $7 \times 6 = 42$ 

$$7 \times 6 = 42$$

$$3 \times 2 = 6$$

$$9 \times 5 = 45$$

$$5 \times 0 = 0$$

$$9 \times 0 = 0$$

$$4 \times 2 = 8$$

$$4 \times 2 = \underline{8} \qquad 10 \times 5 = \underline{50}$$

$$12 \times 7 = 84$$

$$1 \times 0 = \underline{0}$$

$$12 \times 5 = \underline{60}$$
  $6 \times 4 = \underline{24}$   $5 \times 1 = \underline{5}$ 

$$6 \times 4 = 24$$

$$5 \times 1 = 5$$

$$\underline{0} = 0 \times 8$$

$$11 \times 4 = \underline{44}$$

$$11 \times 2 = 22$$
  $8 \times 7 = 56$   $5 \times 4 = 20$ 

$$8 \times 7 = 56$$

$$5 \times 4 = 20$$

$$10 \times 6 = 60$$

$$11 \times 10 = \underline{110}$$

$$12 \times 11 = 132 \quad 7 \times 0 = 0$$

$$7 \times 0 = \underline{0}$$

$$3 \times 3 = \underline{9}$$

$$8 \times 6 = 48$$

$$9 \times 7 = 63$$

$$12 \times 1 = \underline{12}$$
  $9 \times 2 = \underline{18}$ 

$$9 \times 2 = 18$$

$$3 \times 6 = 18$$

$$10 \times 9 = 90$$

$$12 \times 3 = 36$$

$$11 \times 1 = \underline{11} \qquad 5 \times 3 = \underline{15}$$

$$5 \times 3 = 15$$

$$11 \times 0 = 0$$

$$2 \times 1 = 2$$

$$6 \times 6 = 36$$

$$3 \times 0 = \underline{0}$$

$$3 \times 0 = 0$$
  $12 \times 6 = 72$ 

$$8 \times 1 = 8$$

$$5 \times 5 = 25$$

$$10 \times 2 = 20$$

$$2 \times 6 = \underline{12}$$
  $7 \times 5 = \underline{35}$   $6 \times 1 = \underline{6}$ 

$$7 \times 5 = 35$$

$$6 \times 1 = \underline{6}$$

$$4 \times 0 = \underline{0}$$

$$8 \times 4 = 32$$

$$12 \times 0 = 0$$

$$12 \times 0 = \underline{0} \qquad 6 \times 2 = \underline{12}$$

$$4 \times 3 = 12$$

$$9 \times 1 = 9$$

$$10 \times 10 = 100$$

$$9 \times 8 = 72$$
  $11 \times 5 = 55$ 

$$11 \times 5 = \underline{55}$$

$$7 \times 1 = 7$$

$$12 \times 10 = \underline{120}$$

$$7 \times 7 = \underline{49}$$

$$11 \times 11 = \underline{121} \quad 6 \times 5 = \underline{30}$$

$$6 \times 5 = 30$$

$$2 \times 2 = \underline{4}$$

$$11 \times 8 = 88$$

$$10 \times 1 = 10$$

$$12 \times 12 = 144 \quad 7 \times 3 = 21$$

$$7 \times 3 = 21$$

$$2 \times 8 = 16$$

$$3 \times 5 = 15$$

$$8 \times 3 = 24$$

$$2 \times 4 = 8$$

$$9 \times 3 = 27$$

$$4 \times 9 = 36$$

$$5 \times 7 = 35$$

$$7 \times 8 = 56$$

$$6 \times 4 = 24$$

$$6 \times 4 = 24$$
  $9 \times 7 = 63$ 

$$3 \times 4 = 12$$

$$4 \times 6 = 24$$

$$2 \times 7 = 14$$

# Multiplication Facts 0 - 12

9 × 8 72	10 × 5 50	12 <u>× 9</u> 108	$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$	2 × 1 2	$ \begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array} $	11 <u>× 5</u> 55	8 × 0 0		$10 \times 1 \over 10$
$ \begin{array}{r} 12 \\ \times 2 \\ \hline 24 \end{array} $	9 × 6 54	4 × 2 8	$ \begin{array}{r} 10 \\ \times 3 \\ \hline 30 \end{array} $	11 × 1 11	$\begin{array}{c} 7 \\ \times 0 \\ \hline 0 \end{array}$	1 × 1 1	5 × 2 10	$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$	$\begin{array}{c} 9 \\ \times 3 \\ \hline 27 \end{array}$
$\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$	$\begin{array}{c} 0 \\ \times 4 \\ \hline 0 \end{array}$	10 × 8 80	$ \begin{array}{r} 10 \\ \times 6 \\ \hline 60 \end{array} $	4 × 8 32	7 × 5 35		$ \begin{array}{r} 12 \\ \times 6 \\ \hline 72 \end{array} $	11 <u>× 9</u> 99	$\begin{array}{c} 10 \\ \times 0 \\ \hline 0 \end{array}$
$ \begin{array}{r} 10 \\ \times 10 \\ \hline 100 \end{array} $	9 × 5 45	5 × 3 15			1 × 9 9	2 × 6 12		$\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$	2 × 2 4
$\begin{array}{c} 3 \\ \times 1 \\ \hline 3 \end{array}$	11 × 8 88	$ \begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array} $		8 × 1 8		$ \begin{array}{r} 10 \\ \times 4 \\ 40 \end{array} $			1 × 0 0
0 × 9 0	$\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$	$ \begin{array}{r} 12 \\ \times 4 \\ 48 \end{array} $	$ \begin{array}{r} 10 \\ \times 7 \\ \hline 70 \end{array} $	$ \begin{array}{r} 12 \\ \times 10 \\ \hline 120 \end{array} $		9 × 9 81		5 × 0 0	$\begin{array}{c} 4 \\ \times 1 \\ \hline 4 \end{array}$
$\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \end{array}$	11 × 10 110	$\begin{array}{c} 7 \\ \times 1 \\ \hline 7 \end{array}$	$ \begin{array}{r} 12 \\ \times 12 \\ \hline 144 \end{array} $	4 × 9 36	3 × 2 6	$\begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array}$	8 <u>× 7</u> 56	$ \begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array} $	11 × 3 33
12 × 3 36	11 <u>× 6</u> 66			8 × 2 16			5 <u>× 1</u> 5		
3 × 5 15	$ \begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array} $			6 × 1 6				8 × 8 64	6 × 0 0
11 × 11 121	6 × 3 18		11 × 2 22				9 × 4 36		5 × 6 30

### Multiplication Facts 0 - 12

$$9 \times 8 = 72$$

$$10 \times 5 = 50$$

$$12 \times 9 = 108$$

$$6 \times 4 = 24$$

$$2 \times 1 = \underline{2}$$

$$7 \times 3 = 21$$

$$11 \times 5 = 55$$

$$8 \times 0 = 0$$

$$9 \times 2 = 18$$

$$10 \times 1 = \underline{10}$$

$$12 \times 2 = 24$$
  $9 \times 6 = 54$   $4 \times 2 = 8$ 

$$9 \times 6 = 54$$

$$4 \times 2 = 8$$

$$10 \times 3 = 30$$

$$11 \times 1 = 11$$

$$7 \times 0 = 0$$

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

$$5 \times 2 = 10$$

$$8 \times 6 = 48$$

$$9 \times 3 = \underline{27}$$

$$6 \times 7 = 42$$

$$0 \times 4 = 0$$

$$10 \times 8 = 80$$

$$10 \times 6 = 60$$

$$4 \times 8 = 32$$

$$7 \times 5 = 35$$

$$3 \times 0 = \underline{0}$$

$$12 \times 6 = 72$$

$$11 \times 9 = 99$$

$$10 \times 0 = 0$$

$$10 \times 10 = 100$$

$$9 \times 5 = 45$$

$$5 \times 3 = 15$$

$$12 \times 5 = 60$$

$$11 \times 0 = 0$$

$$1 \times 9 = 9$$

$$2 \times 6 = 12$$

$$12 \times 0 = \underline{0}$$

$$5 \times 4 = 20$$

$$2 \times 2 = 4$$

$$3 \times 1 = 3$$

$$11 \times 8 = 88$$

$$7 \times 4 = 28$$

$$12 \times 11 = 132$$

$$8 \times 1 = 8$$

$$6 \times 6 = 36$$

$$10 \times 4 = 40$$

$$11 \times 7 = \underline{77}$$

$$12 \times 8 = 96$$

$$1 \times 0 = \underline{0}$$

$$0 \times 9 = \underline{0}$$

$$3 \times 8 = 24$$

$$12 \times 4 = 48$$

$$10 \times 7 = 70$$

$$12 \times 10 = 120$$

$$8 \times 5 = 40$$

$$9 \times 9 = 81$$

$$10 \times 9 = \underline{90}$$

$$5 \times 0 = \underline{0}$$

$$4 \times 1 = 4$$

$$11\times 4=\underline{44}$$

$$11 \times 4 = 44$$
  $11 \times 10 = 110$ 

$$7 \times 1 = 7$$

$$12 \times 12 = 144$$

$$4 \times 9 = 36$$

$$3 \times 2 = \underline{6}$$

$$3 \times 9 = 27$$

$$8 \times 7 = 56$$

$$7 \times 2 = 14$$

$$11 \times 3 = 33$$

$$12 \times 3 = 36$$

$$11 \times 6 = 66$$

$$10 \times 2 = 20$$

$$4\times 6=\underline{24}$$

$$8 \times 2 = 16$$

$$7 \times 7 = 49$$

$$6 \times 5 = 30$$

$$5 \times 1 = 5$$

$$4 \times 3 = 12$$

$$2 \times 0 = \underline{0}$$

$$3 \times 5 = 15$$

$$4 \times 7 = 28$$

$$0 \times 0 = \underline{0}$$

$$5 \times 5 = \underline{25}$$

$$6 \times 1 = 6$$

$$1 \times 5 = 5$$

$$11 \times 12 = 132$$

$$10 \times 11 = 110$$

$$8 \times 8 = 64$$

$$6 \times 0 = 0$$

$$11 \times 11 = 121$$
  $6 \times 3 = 18$ 

$$6 \times 3 = 18$$

$$4 \times 4 = 16$$

$$11 \times 2 = 22$$
  $12 \times 1 = 12$ 

$$12 \times 1 = 12$$

$$5 \times 8 = 40$$

$$7 \times 9 = 63$$

$$9 \times 4 = 36$$

$$12 \times 7 = 84$$
  $5 \times 6 = 30$ 

# Multiplication Facts 0 - 12

$\begin{array}{c} 7 \\ \times 0 \\ \hline 0 \end{array}$	9 × 2 18	$\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \end{array}$	2 × 1 2	5 × 0 0	10 × 6 60	12 × 3 36		$\begin{array}{r} 11 \\ \times 7 \\ \hline 77 \end{array}$	12 <u>× 9</u> 108
5 × 5 25	$ \begin{array}{r} 12 \\ \times 7 \\ \hline 84 \end{array} $	9 × 6 54	11 × 5 55	$\begin{array}{r} 10 \\ \times 0 \\ \hline 0 \end{array}$	4 × 1 4	8 × 7 56		8 × 0 0	$\begin{array}{c} 9 \\ \times 3 \\ \hline 27 \end{array}$
11 × 9 99	$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$	3 × 2 6	$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$	12 <u>× 1</u> 12	$\begin{array}{r} 11 \\ \times 2 \\ \hline 22 \end{array}$			$ \begin{array}{r} 10 \\ \times 4 \\ 40 \end{array} $	12 <u>×11</u> 132
3 × 6 18	$\begin{array}{r} 12 \\ \times 4 \\ \hline 48 \end{array}$	10 × 5 50	$\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$	12 × 10 120	$\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$	0 × 0 0	4 × 2 8	9 × 0 0	6 × 5 30
11 × 8 88	$\begin{array}{c} 4 \\ \times 3 \\ \hline 12 \end{array}$	10 × 1 10	$\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$	5 × 1 5	$ \begin{array}{r} 12 \\ \times 6 \\ 72 \end{array} $	12 × 8 96	10 × 8 80	$ \begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array} $	4 × 0 0
$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array}$	9 × 5 45	11 × 6 66	6 × 2 12	$ \begin{array}{r} 10 \\ \times 7 \\ \hline 70 \end{array} $	$\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$	6 × 0 0	$\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$	$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$
11 × 3 33	1 × 1 1	10 × 9 90	$\begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array}$	$9 \times 7 \over 63$	$\begin{array}{r} 12 \\ \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array}$		8 × 2 16	11 <u>× 1</u> 11
12 × 12 144	9 × 8 72	6 × 1 6		11 × 0 0	$ \begin{array}{r} 10 \\ \times 3 \\ \hline 30 \end{array} $	9 × 9 81	8 × 1 8		
1 × 6 6	$\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$			$\begin{array}{c} 1 \\ \times 7 \\ \hline 7 \end{array}$				9 × 1 9	
2 × 2 4	6 × 9 54	2 × 5 10	$ \begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array} $	6 × 6 36	$ \begin{array}{c} 8 \\ \times 9 \\ \hline 72 \end{array} $	11 × 11 121	3 × 3 9	$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$	$\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$

### Multiplication Facts 0 - 12

$$7 \times 0 = \underline{0}$$

$$9 \times 2 = 18$$

$$11 \times 4 = 44$$

$$2 \times 1 = 2$$

$$5 \times 0 = 0$$

$$10 \times 6 = 60$$

$$12 \times 3 = 36$$

$$8 \times 5 = 40$$

$$11 \times 7 = 77$$

$$12 \times 9 = 108$$

$$5 \times 5 = \underline{25}$$

$$5 \times 5 = 25$$
  $12 \times 7 = 84$   $9 \times 6 = 54$ 

$$9 \times 6 = 54$$

$$11 \times 5 = 55$$

$$10 \times 0 = 0$$

$$4 \times 1 = 4$$

$$4 \times 1 = \underline{4}$$
  $8 \times 7 = \underline{56}$   $12 \times 5 = \underline{60}$ 

$$12 \times 5 = 60$$

$$8 \times 0 = 0$$

$$9 \times 3 = 27$$

$$11 \times 9 = \underline{99}$$
  $8 \times 6 = \underline{48}$   $3 \times 2 = \underline{6}$ 

$$8 \times 6 = 48$$

$$3 \times 2 = 6$$

$$6 \times 4 = 24$$

$$12 \times 1 = 12$$

$$11 \times 2 = 22$$
  $5 \times 3 = 15$ 

$$5 \times 3 = \underline{15}$$

$$2 \times 0 = \underline{0}$$

$$10 \times 4 = 40$$

$$12 \times 11 = 132$$

$$3 \times 6 = 18$$

$$3 \times 6 = \underline{18}$$
  $12 \times 4 = \underline{48}$   $10 \times 5 = \underline{50}$ 

$$10 \times 5 = 50$$

$$6 \times 7 = 42$$

$$12 \times 10 = \underline{120}$$

$$7 \times 3 = \underline{21} \qquad 0 \times 0 = \underline{0}$$

$$0 \times 0 = 0$$

$$4 \times 2 = 8$$

$$9 \times 0 = 0$$

$$6 \times 5 = 30$$

$$11 \times 8 = 88 \qquad 4 \times 3 = 12$$

$$4 \times 3 = 12$$

$$10 \times 1 = 10$$

$$8 \times 4 = 32$$

$$5 \times 1 = 5$$

$$12 \times 6 = \underline{72}$$
  $12 \times 8 = \underline{96}$ 

$$12 \times 8 = 96$$

$$10 \times 8 = 80$$

$$7 \times 5 = 35$$

$$4 \times 0 = 0$$

$$4 \times 4 = 16$$

$$7 \times 2 = 14$$

$$4 \times 4 = 16$$
  $7 \times 2 = 14$   $9 \times 5 = 45$ 

$$11 \times 6 = \underline{66}$$

$$6 \times 2 = 12$$

$$10 \times 7 = \underline{70}$$
  $3 \times 4 = \underline{12}$ 

$$3 \times 4 = 12$$

$$6 \times 0 = \underline{0}$$

$$5 \times 4 = 20$$

$$8\times 3=\underline{24}$$

$$11 \times 3 = 33$$
  $1 \times 1 = 1$   $10 \times 9 = 90$ 

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

$$10 \times 9 = 90$$

$$3 \times 9 = 27$$

$$9 \times 7 = 63$$

$$12 \times 0 = \underline{0}$$

$$12 \times 0 = 0$$
  $9 \times 4 = 36$ 

$$3 \times 1 = \underline{3}$$

$$8 \times 2 = 16$$

$$11 \times 1 = 11$$

$$12 \times 12 = 144$$

$$9 \times 8 = \underline{72}$$
  $6 \times 1 = \underline{6}$ 

$$6 \times 1 = 6$$

$$5 \times 2 = \underline{10}$$

$$11 \times 0 = 0$$

$$10 \times 3 = \underline{30} \qquad 9 \times 9 = \underline{81}$$

$$9 \times 9 = 81$$

$$8 \times 1 = 8$$

$$11 \times 10 = 110$$

$$8\times8=\underline{64}$$

$$1 \times 6 = 6$$

$$7 \times 7 = 49$$

$$5 \times 7 = 35$$

$$4 \times 6 = 24$$

$$1 \times 7 = 7$$

$$3 \times 0 = 0$$

$$5 \times 9 = 34$$

$$10 \times 2 = 20$$

$$9 \times 1 = 9$$

$$10 \times 10 = 100$$

$$2 \times 2 = 4$$

$$2 \times 2 = 4$$
  $6 \times 9 = 54$ 

$$2 \times 5 = 10$$

$$7 \times 4 = 28$$

$$6\times 6=\underline{36}$$

$$8 \times 9 = 72$$

$$8 \times 9 = 72$$
  $11 \times 11 = 121$   $3 \times 3 = 9$ 

$$3 \times 3 = 9$$

$$4 \times 7 = 28$$

$$3 \times 4 = 12$$