



Learning Objective: To use efficient written strategies to solve two-digit additions

Complete your vertical algorithm. You may need to trade.

$2 + 9 = 11$
 2 tens plus 9 tens equals
 11 tens. Trade 10 tens
 for 1 hundred

H	T	O
	2	5
	9	4
1	1	9

$5 + 4 = 9$

H	T	O
	6	7
	2	3

H	T	O
	8	3
	9	5

H	T	O
	4	6
	2	7

H	T	O
	2	5
	8	8

Complete the questions below.

Complete your vertical algorithm.

H	T	O
	4	5
	8	6

Complete your vertical algorithm.

H	T	O
	3	7
	8	9

Complete your vertical algorithm.

H	T	O
	5	3
	7	3

Complete your vertical algorithm.

H	T	O
	7	9
	5	9

Complete your vertical algorithm.

H	T	O
	7	7
	6	4



Learning Objective: To use efficient written strategies to solve two-digit additions

Complete your vertical algorithm. You may need to trade.

$2 + 9 = 11$
 2 tens plus 9 tens equals
 11 tens. Trade 10 tens
 for 1 hundred

H	T	O
	2	5
	9	4
1	1	9

$5 + 4 = 9$

	<table><tr><th>H</th><th>T</th><th>O</th></tr><tr><td></td><td>1</td><td></td></tr><tr><td></td><td>6</td><td>7</td></tr><tr><td></td><td>2</td><td>3</td></tr><tr><td colspan="3"><hr/></td></tr><tr><td></td><td>9</td><td>0</td></tr></table>	H	T	O		1			6	7		2	3	<hr/>				9	0		
H	T	O																			
	1																				
	6	7																			
	2	3																			
<hr/>																					
	9	0																			
+		<table><tr><th>H</th><th>T</th><th>O</th></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>3</td></tr><tr><td></td><td>9</td><td>5</td></tr><tr><td colspan="3"><hr/></td></tr><tr><td>1</td><td>7</td><td>8</td></tr></table>	H	T	O					8	3		9	5	<hr/>			1	7	8	
H	T	O																			
	8	3																			
	9	5																			
<hr/>																					
1	7	8																			
+		<table><tr><th>H</th><th>T</th><th>O</th></tr><tr><td></td><td>1</td><td></td></tr><tr><td></td><td>4</td><td>6</td></tr><tr><td></td><td>2</td><td>7</td></tr><tr><td colspan="3"><hr/></td></tr><tr><td></td><td>7</td><td>3</td></tr></table>	H	T	O		1			4	6		2	7	<hr/>				7	3	
H	T	O																			
	1																				
	4	6																			
	2	7																			
<hr/>																					
	7	3																			
+		<table><tr><th>H</th><th>T</th><th>O</th></tr><tr><td></td><td>1</td><td></td></tr><tr><td></td><td>2</td><td>5</td></tr><tr><td></td><td>8</td><td>8</td></tr><tr><td colspan="3"><hr/></td></tr><tr><td>1</td><td>1</td><td>3</td></tr></table>	H	T	O		1			2	5		8	8	<hr/>			1	1	3	
H	T	O																			
	1																				
	2	5																			
	8	8																			
<hr/>																					
1	1	3																			

Complete the questions below.

Complete your vertical algorithm.

H	T	O
	1	
	4	5
+	8	6
1	3	1

Complete your vertical algorithm.

H	T	O
	1	
	3	7
+	8	9
1	2	6

Complete your vertical algorithm.

H	T	O
	5	3
+	7	3
1	2	6

Complete your vertical algorithm.

H	T	O
	1	
	7	9
+	5	9
1	3	8

Complete your vertical algorithm.

H	T	O
	1	
	7	7
+	6	4
1	4	1