

Adding two digits (with carrying)

Example 1:

Add $19 + 16$

Step 1:

Using place value,

	Tens	Ones
	1	9
+	1	6

Add the numbers in ones place.

$9 + 6 = 15$

15 is a two digit number.

Step 2:

	Tens	Ones
	1	
	1	9
+	1	6
	5	

$9 + 6 = 15$

Put 5 in the ones place.

1 will be added with tens place.

Step 3:

	Tens	Ones
	1	
	1	9
+	1	6
	3	5

Add the numbers in tens place.

$1 + 1 + 1 = 3$

Therefore, $19 + 16 = 35$.

Example 2:

Add $22 + 28$

Solution:

	Tens	Ones	
	1		
	2	2	
+	2	8	$2 + 8 = 10$
			$1 + 2 + 2 = 5$
	5	0	

Therefore, $22 + 28 = 50$.

Example 3:

Add $68 + 24$

Solution:

Tens	Ones	
1		
+	6 8	$8 + 4 = 12$
	2 4	$1 + 6 + 2 = 9$
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9	2	
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Therefore, $68 + 24 = 92$.

Example 4:

Add $56 + 27$

Solution:

Tens	Ones	
1		
+	5 6	$6 + 7 = 13$
	2 7	$1 + 5 + 2 = 8$
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8	3	
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Therefore, $56 + 27 = 83$.

Example 5:

Add $39 + 39$

Solution:

Tens	Ones	
1		
+	3 9	$9 + 9 = 18$
	3 9	$1 + 3 + 3 = 7$
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7	8	
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Therefore, $39 + 39 = 78$.

Example 6:

Add $75 + 16$

Solution:

Tens	Ones	
1		
+	7 5	$5 + 6 = 11$
	1 6	$1 + 7 + 1 = 9$
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9	1	
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Therefore, $75 + 16 = 91$.