

Name: _____

Multiplication : Advanced

(First one is solved for you.)

	H	T	O
		2	
		2	8
X		1	3
		8	4
+	2	8	X
	3	6	4

Solution:

Step 1: A) Multiplication of ones place first. That is $8 \times 3 = 24$.

4 will remain in ones place and 2 will be carried over to Tens place.

B) Next, Multiplication of $3 \times 2 = 6$.

C) Next, $6 + 2$ (that has been carried over before) = 8.

Step 2: A) Cross mark/Write zero on ones place, as we are doing tens place multiplication.

B) Next, multiplication of tens place, that is; $1 \times 8 = 8$.

C) Next, Multiplication of $1 \times 2 = 2$.

Step 3: Add up Ones place multiplication and Tens place multiplication to derive the final answer. Here, $84 + 280 = 364$. Therefore, $28 \times 13 = 364$

	H	T	O
		6	2
		3	4
X			
+			
			X

	H	T	O
		7	4
		5	8
X			
+			
			X

	H	T	O
		9	3
		4	5
X			
+			
			X

	H	T	O
		5	8
		3	9
X			
+			
			X

	H	T	O
		4	8
		4	3
X			
+			
			X

	H	T	O
		2	9
		1	9
X			
+			
			X

	H	T	O
		5	8
		7	1
X			
+			
			X

	H	T	O
		1	8
		2	0
X			
+			
			X