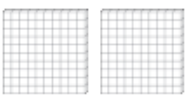# Multiply 2-Digits by 2-Digits

To multiply 2-digit numbers by 2-digit numbers using the formal method

1) Solve the multiplication calculations. Use the completed area models to help you.

a) 22 × 12 =

×	20	2
10		
2		

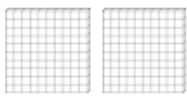|	H	T	O
		2	2
×		1	2
				(22 × 2)
+				(22 × 10)

b) 31 × 11 =

×	30	1
10		
1		

	H	T	O
		3	1
×		1	1
				(31 × 1)
+				(31 × 10)

c) 32 × 21 =

×	30	2
20		
1		

	H	T	O
		3	2
×		2	1
				(32 × 1)
+				(32 × 20)

Multiply 2-Digits by 2-Digits