

Formal Multiplication by 2 digit numbers

1)

		2	3
x		3	2
			0

2)

		4	3
x		1	3
			0

3)

		5	3
x		4	4
			0

4)

	1	6	3
x		3	2
			0

5)

	2	4	3
x		1	6
			0

6)

	1	5	4
x		5	6
			0

7)

	2	9	4
x		2	2

8)

	2	6	8
x		7	4

9)

	3	5	3
x		4	3

Formal Multiplication by 2 digit numbers

1)

	2	9	4
x		2	2
			0

2)

	2	6	8
x		7	4
			0

3)

	3	5	3
x		4	3
			0

4)

	7	0	6	5
x			5	8

5)

	8	1	6	3
x			4	6

6)

	6	9	4	2
x			7	2

7)

	9	0	9	9
x			6	3

Formal Multiplication by 2 digit numbers

1)

	6	9	4	2
x			7	2

2)

	4	3	3	7
x			8	8

3)

	5	9	7	1
x			6	5

4)

	5	0	7	4
x			3	9

5)

	6	7	9	9
x			6	4

6)

	4	8	7	4
x			3	9

Explain...

Why you need a **placeholder** when multiplying by a 2 digit number.