NAME

DATE

Multiplication of Three-digit Numbers

To multiply by three-digit numbers, multiply by the ones first. Then multiply by the tens and hundreds. Then add these three partial products.

Find: 342 × 103

Multiply by 3 ones. Regroup.

	Th	H	T	O
		1		
		3	4	2
×		1	0	3
	1,	0	2	6

Write a zero place holder. Multiply by 0 tens.

	Th	H	T	O
		3	4	2
×		1	0	3
	1,	0	2	6
	0	0	0	0

Write two zero place holders. Multiply by 1 hundred.

	TTh	Th	H	T	O
			3	4	2
×			1	0	3
		1,	0	2	6
		0	0	0	0
	3	4,	2	0	0

Add the partial products.

	TTh	Th	H	T	O
			3	4	2
×			1	0	3
		1,	0	2	6
		0	0	0	0
+	3	4,	2	0	0
	3	5,	2	2	6

Multiply.

	a	b	c	d
1.	361 × 313 = 1,083 + 3,610 + 108,300 = 112,993	358 × 637	507 × 383	870 × 647
2.	950 × 603	621 × 583	932 × 785	400 × 803

Line up the digits. Then find the products.

	a	b	c
3.	783 × 342 = _____	850 × 330 = _____	742 × 582 = _____

783
×342

LIVEWORKSHEETS