Zeros in the multiplier

3-digit by 3-digit multiplication · Name _____ Date _____

Write each partial product in its place. Record a zero row as 0. Then add.

Q1

3 3 6
× 4 0 2

Ones _____

Tens _____

Hundreds _____

Total _____

Q2

7 5 9
× 9 9 0

Ones _____

Tens _____

Hundreds _____

Total _____

Q3

6 7 5
× 1 0 0

Ones _____

Tens _____

Hundreds _____

Total _____

Q4

9 4 8
× 6 0 2

Ones _____

Tens _____

Hundreds _____

Total _____

Zeros in the multiplier — Worked key

3-digit by 3-digit multiplication · Teacher copy

Each row includes its place value. Add all three rows to obtain the product.

Q1

	336
	× 402
Ones	672
Tens	0
Hundreds	134400
Total	**135072**

336 × 402 = 135,072

Q2

	759
	× 990
Ones	0
Tens	68310
Hundreds	683100
Total	**751410**

759 × 990 = 751,410

Q3

	675
	× 100
Ones	0
Tens	0
Hundreds	67500
Total	**67500**

675 × 100 = 67,500

Q4

	948
	× 602
Ones	1896
Tens	0
Hundreds	568800
Total	**570696**

948 × 602 = 570,696