Three partial products

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

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

Q1

$$\begin{array}{r} 336 \\ \times\ 422 \\ \hline \end{array}$$

Ones _____

Tens _____

Hundreds _____

Total _____

Q2

$$\begin{array}{r} 759 \\ \times\ 995 \\ \hline \end{array}$$

Ones _____

Tens _____

Hundreds _____

Total _____

Q3

$$\begin{array}{r} 675 \\ \times\ 169 \\ \hline \end{array}$$

Ones _____

Tens _____

Hundreds _____

Total _____

Q4

$$\begin{array}{r} 948 \\ \times\ 622 \\ \hline \end{array}$$

Ones _____

Tens _____

Hundreds _____

Total _____

Three partial products — 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
	× 422
Ones	672
Tens	6720
Hundreds	134400
Total	**141792**

336 × 422 = 141,792

Q2

	759
	× 995
Ones	3795
Tens	68310
Hundreds	683100
Total	**755205**

759 × 995 = 755,205

Q3

	675
	× 169
Ones	6075
Tens	40500
Hundreds	67500
Total	**114075**

675 × 169 = 114,075

Q4

	948
	× 622
Ones	1896
Tens	18960
Hundreds	568800
Total	**589656**

948 × 622 = 589,656