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

	3 3 6
	× 4 2 2
Ones	6 7 2
Tens	6 7 2 0
Hundreds	1 3 4 4 0 0
Total	**1 4 1 7 9 2**

336 × 422 = 141,792

Q2

	7 5 9
	× 9 9 5
Ones	3 7 9 5
Tens	6 8 3 1 0
Hundreds	6 8 3 1 0 0
Total	**7 5 5 2 0 5**

759 × 995 = 755,205

Q3

	6 7 5
	× 1 6 9
Ones	6 0 7 5
Tens	4 0 5 0 0
Hundreds	6 7 5 0 0
Total	**1 1 4 0 7 5**

675 × 169 = 114,075

Q4

	9 4 8
	× 6 2 2
Ones	1 8 9 6
Tens	1 8 9 6 0
Hundreds	5 6 8 8 0 0
Total	**5 8 9 6 5 6**

948 × 622 = 589,656