

Example: Solve $642 + 379$ using the partial sums method

	100's	10's	1's	
	6	4	2	
	+	3	7	9
Add the 100's	$600 + 300$	→	9	0
Add the 10's	$40 + 70$	→	1	1
Add the 1's	$2 + 9$	→		1
Add the partial sums	$900 + 110 + 11$	→	1,0	2
				1

$$\begin{array}{r}
 508 \\
 + 895 \\
 \hline
 1 \\
 1300 \\
 90 \\
 + 13 \\
 \hline
 1,403
 \end{array}$$

$$\begin{array}{r}
 872 \\
 + 299 \\
 \hline
 1000 \\
 160 \\
 + 11 \\
 \hline
 1,171
 \end{array}$$

$$\begin{array}{r}
 265 \\
 + 843 \\
 \hline
 1000 \\
 100 \\
 + 8 \\
 \hline
 1,108
 \end{array}$$

$$\begin{array}{r}
 50 \\
 + 597 \\
 \hline
 500 \\
 140 \\
 + 7 \\
 \hline
 647
 \end{array}$$

$$\begin{array}{r}
 867 \\
 + 517 \\
 \hline
 1300 \\
 70 \\
 + 14 \\
 \hline
 1,384
 \end{array}$$

$$\begin{array}{r}
 291 \\
 + 23 \\
 \hline
 200 \\
 110 \\
 + 4 \\
 \hline
 314
 \end{array}$$