

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	21

$$\begin{array}{r}
 332 \\
 + 23 \\
 \hline
 300 \\
 50 \\
 + 6 \\
 \hline
 356
 \end{array}$$

$$\begin{array}{r}
 467 \\
 + 694 \\
 \hline
 1000 \\
 150 \\
 + 11 \\
 \hline
 1,161
 \end{array}$$

$$\begin{array}{r}
 155 \\
 + 143 \\
 \hline
 200 \\
 90 \\
 + 8 \\
 \hline
 298
 \end{array}$$

$$\begin{array}{r}
 88 \\
 + 425 \\
 \hline
 400 \\
 100 \\
 + 13 \\
 \hline
 513
 \end{array}$$

$$\begin{array}{r}
 534 \\
 + 167 \\
 \hline
 1 \\
 600 \\
 90 \\
 + 11 \\
 \hline
 701
 \end{array}$$

$$\begin{array}{r}
 592 \\
 + 841 \\
 \hline
 1300 \\
 130 \\
 + 3 \\
 \hline
 1,433
 \end{array}$$