

Add and subtract problem solving

1. Find the missing number in these calculations

$\begin{array}{r} 487\ 273 \\ + \\ \hline 829\ 570 \\ \hline \end{array}$	$\begin{array}{r} 328\ 446 \\ + \\ \hline 515\ 228 \\ \hline \end{array}$	$\begin{array}{r} 543\ 864 \\ - \\ \hline 328\ 547 \\ \hline \end{array}$	$\begin{array}{r} 943\ 829 \\ - \\ \hline 429\ 316 \\ \hline \end{array}$
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2. Use rounding to estimate the missing numbers in each calculation. Then find the missing numbers.

$\begin{array}{r} 5\ 683\ 145 \\ + \\ \hline 7\ 995\ 927 \\ \hline \end{array}$	$\begin{array}{r} 7\ 372\ 145 \\ + \\ \hline 10\ 853\ 817 \\ \hline \end{array}$	$\begin{array}{r} 5\ 287\ 931 \\ - \\ \hline 2\ 636\ 461 \\ \hline \end{array}$	$\begin{array}{r} 2\ 315\ 463 \\ - \\ \hline 6\ 112\ 192 \\ \hline \end{array}$
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3. Find three different answers for these calculations

$\begin{array}{r} 6\ 2\ 1\ 7\ 8\ 5\ 9 \\ + \\ \hline 9\ 3\ 4 \\ \hline \end{array}$	$\begin{array}{r} 6\ 7\ 8\ 1\ 4\ 2\ 5 \\ - \\ \hline 4\ 3\ 6 \\ \hline \end{array}$
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Challenge

4. Work out where the missing puzzle pieces go in this addition calculation. Some pieces have been put in for you. There is more than one possible answer – how many ways can you solve the question?

	7		3	5				4	1	2	2
+						6		4	5	1	3
	9		8					7	8	8	9