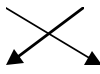










Name _____

SWAPPING: ADDITION STRATEGY

When adding, you can swap numbers that are in the same place value between addends and the sum remains the same. Look for opportunities to make a swap to make one of the numbers a “friendly number” or to make the problem into one you already know the answer to.

Example: $39 + 92$ --- swap the numerals in the one’s place to make the new problem $32 + 99$. Since 99 is 1 away from 100, use the friendly 100 and think $100 + 32 = 132$ so $99 + 32 = 131$.

<p>$19 + 94$ is the same as (swap one’s place)</p>  <p>$14 + 99$ (to a friendly number)</p> <p>$14 + 100 = 114$</p> <p>$114 - 1 = 113$ (because 100 is 1 more than 99)</p>	<p>$96 + 59$ is the same as (swap one’s place)</p>  <p>$\underline{\quad} + \underline{\quad}$ (to a friendly number)</p> <p>$\underline{\quad} + \underline{\quad} = \underline{\quad}$</p> <p>$\underline{\quad} - \underline{\quad} = \underline{\quad}$ (because 100 is 1 more than 99)</p>	<p>$93 + 89$ is the same as (swap one’s place)</p>  <p>$\underline{\quad} + \underline{\quad}$ (to a friendly number)</p> <p>$\underline{\quad} + \underline{\quad} = \underline{\quad}$</p> <p>$\underline{\quad} - \underline{\quad} = \underline{\quad}$ (because 100 is 1 more than 99)</p>
<p>$449 + 192$ is the same as (swap ten’s place)</p>  <p>$499 + 142$ (to a friendly number)</p> <p>$500 + 142 = 642$</p> <p>$642 - 1 = 641$ (because 500 is 1 more than 499)</p>	<p>$539 + 398$ is the same as (swap ten’s place)</p>  <p>$\underline{\quad} + \underline{\quad}$ (to a friendly number)</p> <p>$\underline{\quad} + \underline{\quad} = \underline{\quad}$</p> <p>$\underline{\quad} - \underline{\quad} = \underline{\quad}$ (because 600 is 1 more than 599)</p>	<p>$394 + 659$ is the same as (swap ten’s place)</p>  <p>$\underline{\quad} + \underline{\quad}$ (to a friendly number)</p> <p>$\underline{\quad} + \underline{\quad} = \underline{\quad}$</p> <p>$\underline{\quad} - \underline{\quad} = \underline{\quad}$ (because 700 is 1 more than 699)</p>
<p>$6399 + 992$ is the same as (swap 100’s place)</p>  <p>$6999 + 392$ (to a friendly number)</p> <p>$7000 + 392 = 7392$</p> <p>$7392 - 1 = 7391$ (because 7000 is 1 more than 6999)</p>	<p>$2996 + 4399$ is the same as (swap 100’s place)</p>  <p>$\underline{\quad} + \underline{\quad}$ (to a friendly number)</p> <p>$\underline{\quad} + \underline{\quad} = \underline{\quad}$</p> <p>$\underline{\quad} - 1 = \underline{\quad}$ (because 5000 is 1 more than 4999)</p>	<p>$3199 + 5990$ is the same as (swap 100’s place)</p>  <p>$\underline{\quad} + \underline{\quad}$ (to a friendly number)</p> <p>$\underline{\quad} + \underline{\quad} = \underline{\quad}$</p> <p>$\underline{\quad} - 1 = \underline{\quad}$ (because 4000 is 1 more than 3999)</p>
<p>59</p> <p>$+ 36$</p>	<p>679</p> <p>$+ 293$</p>	<p>4993</p> <p>$+ 6499$</p>