

Breaking Up the Second Number: An Addition Strategy

Here are two activity sheets to practice the addition strategy of breaking up the second number. The first page involves only 2-digit plus 2-digit numbers and the second page focuses on 3-digit numbers.

For more information on the “breaking up the second number” strategy, please refer to this post on my website:

www.ShelleyGrayTeaching.com/breaking-up-the-second-number



Are you looking for even more support with teaching addition strategies in your classroom? You might be interested in self-paced, student-centered Addition Station that will allow your students to master addition facts and strategies at their own pace. Find the Addition Station (and all other math stations) here:

<https://www.teacherspayteachers.com/Store/Shelley-Gray/Category/-MATH-STATIONS-213182>



I'd love to help you get really strategic with your math instruction this year! Join me over on my website, ShelleyGrayTeaching.com for ideas, tips, and resources!

<http://shelleygrayteaching.com/>

Write the expanded form of each number:

$54 = \underline{\quad} + \underline{\quad}$

$44 = \underline{\quad} + \underline{\quad}$

$38 = \underline{\quad} + \underline{\quad}$

$27 = \underline{\quad} + \underline{\quad}$

$39 = \underline{\quad} + \underline{\quad}$

$96 = \underline{\quad} + \underline{\quad}$

$91 = \underline{\quad} + \underline{\quad}$

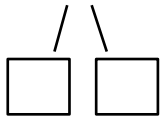
$25 = \underline{\quad} + \underline{\quad}$

$12 = \underline{\quad} + \underline{\quad}$

For each equation, break up the second number and then solve the equation in parts.

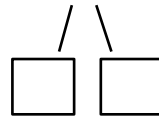
$34 + 21$

Show your work:



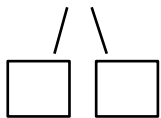
$76 + 14$

Show your work:



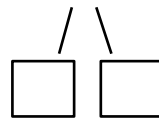
$45 + 23$

Show your work:



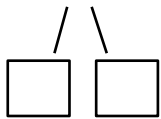
$76 + 42$

Show your work:



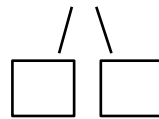
$18 + 13$

Show your work:



$35 + 23$

Show your work:



Can you break up the second number in your head to solve these equations?

$32 + 14 = \underline{\quad}$

$73 + 21 = \underline{\quad}$

$36 + 35 = \underline{\quad}$

$44 + 52 = \underline{\quad}$

$65 + 32 = \underline{\quad}$

$24 + 28 = \underline{\quad}$

$28 + 31 = \underline{\quad}$

$39 + 42 = \underline{\quad}$

$17 + 16 = \underline{\quad}$

Write the expanded form of each number:

$347 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

$233 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

$129 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

$576 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

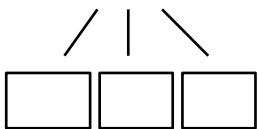
$836 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

$945 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

For each equation, break up the second number and then solve the equation in parts.

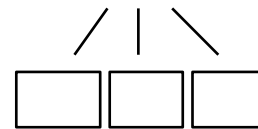
$134 + 354$

Show your work:



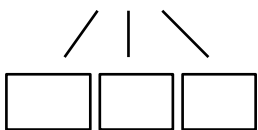
$745 + 251$

Show your work:



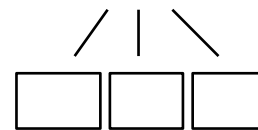
$309 + 618$

Show your work:



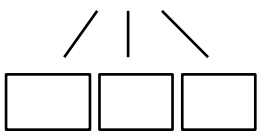
$223 + 224$

Show your work:



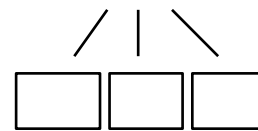
$415 + 204$

Show your work:



$105 + 104$

Show your work:



Can you break up the second number in your head to solve these equations?

$115 + 407 = \underline{\quad}$

$108 + 104 = \underline{\quad}$

$864 + 123 = \underline{\quad}$

$214 + 314 = \underline{\quad}$

$317 + 211 = \underline{\quad}$

$234 + 224 = \underline{\quad}$

$275 + 224 = \underline{\quad}$

$844 + 124 = \underline{\quad}$

$129 + 420 = \underline{\quad}$