

Compensation: An Addition Strategy

Here are two activity sheets to practice the compensation addition strategy. 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 compensation strategy, please refer to this post on my website:

www.ShelleyGrayTeaching.com/compensation



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/>

Here is an example of how to perform the compensation strategy:

$$35+29 \longrightarrow 35+30=65 \longrightarrow 65-1=64$$

↑
Let's add 30 instead of 29. This is easier!

↑
Since we added 1 earlier, now we have to subtract 1.

Find the sum for each equation using the compensation strategy. Show your work in each box.

$$67+18 \longrightarrow \boxed{} \longrightarrow \boxed{}$$


$$25+59 \longrightarrow \boxed{} \longrightarrow \boxed{}$$


$$64+22 \longrightarrow \boxed{} \longrightarrow \boxed{}$$

$$43+29 \longrightarrow \boxed{} \longrightarrow \boxed{}$$

Here is an example of how to perform the compensation strategy:

$$125+38 \longrightarrow 125+40=165 \longrightarrow 165-2=163$$


Let's add 40 instead
of 38. This is easier!


Since we added 2 earlier,
now we have to subtract 2.

Find the sum for each equation using the compensation strategy. Show your work in each box.

$244+29$



$197+17$



$645+39$



$168+28$

