

Grade 3 Math Study Guide

Addition strategies for adding 3 digit numbers

***Make sure your numbers are lined up!!!! Hundreds under hundreds, tens under tens, ones under ones!

1. Adding left to right

$$\begin{array}{r} 341 \\ + 194 \\ \hline \end{array}$$

400 Start with the hundreds. Add $300+100$

130 Add the tens. $40+90=130$

5 Add the ones. $1+4=5$

Now combine. $400+130+5=535$

2. Adding right to left

$$\begin{array}{r} 341 \\ + 194 \\ \hline \end{array}$$

5 Start with the ones. Add $1+4$

130 Add the tens. $40+90=130$

400 Add the hundreds. $300+100=400$

Now combine. $5+130+400=535$

3. Counting on

$$\begin{array}{r} 341 \\ + 194 \\ \hline \end{array}$$

Start with the bigger number. 341

Count on by the number of hundreds in the other number.

$$341+100=441.$$

Count on by the number of tens in the other number.

$441+90=531$ (this can be done by skipping counting by tens 441,451,461, 471, etc)

Count on by the number of ones in the smaller number.

$$531+4=535$$

2.Adding using expanded form

$$341+194=$$

Start by breaking each number into expanded form.

$$300+40+1$$

$$100+90+4$$

Group your hundreds ($300+100=400$)

Group your tens ($40+90=130$)

Group your ones ($1+4=5$)

Combine. $400+130+5=535$