

Third Grade Math Addition Strategies

1. COMPENSATION

$$356 + 481$$

$$\begin{array}{c} \downarrow \quad \downarrow \\ 360 + 480 = 840 \end{array}$$

$$\begin{array}{r} -4 \quad +1 = 840 \\ -4 \\ +1 \\ \hline 837 \end{array}$$

First, round each number to the nearest ten

Then add them

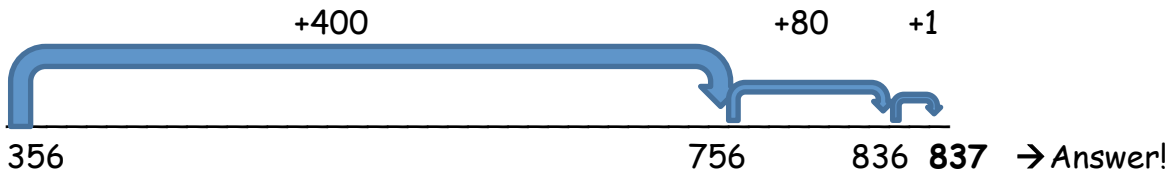
Subtract or add back the difference to the original number

→ Answer!

2. NUMBER LINE

$$356 + 481$$

Draw a number line, starting with the first number (356)
Break the other number into Expanded Form
(481 = 400 + 80 + 1)
Jump on the number line by these numbers

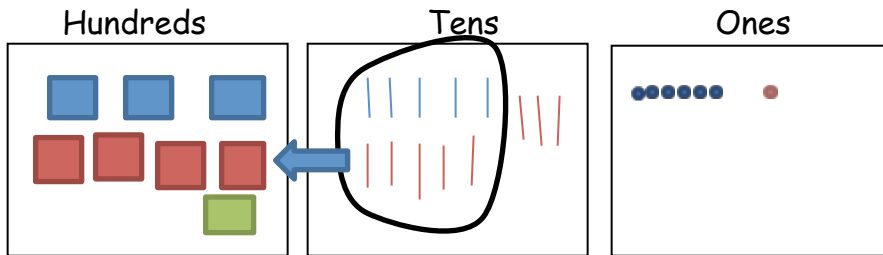


3. BASE BLOCKS

$$356 + 481$$

Expanded form: 300+50+6 and 400+80+1

Make boxes to represent each PLACE



-Enter in the value of the first number in the appropriate place

-Add in the second number **starting from the ones to tens to hundreds**

-Compose new numbers going from right to left

-What's left?

8

3

7

837 → Answer!

4. BREAK APART

$$356 + 481$$

$$300 + 50 + 6$$

$$400 + 80 + 1$$

$$700 + 130 + 7$$

Write in expanded form

Add them up!

Fix the place value

$$800 + 30 + 7 = 837$$

→ Answer!