

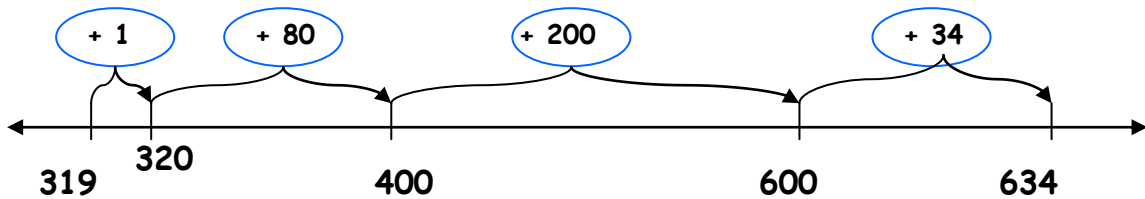
Our Subtraction Strategies in Room 408

1. Paper and Pencil (Traditional Algorithm)

$$\begin{array}{r} 2 \ 14 \\ 634 \\ - 319 \\ \hline 315 \end{array}$$

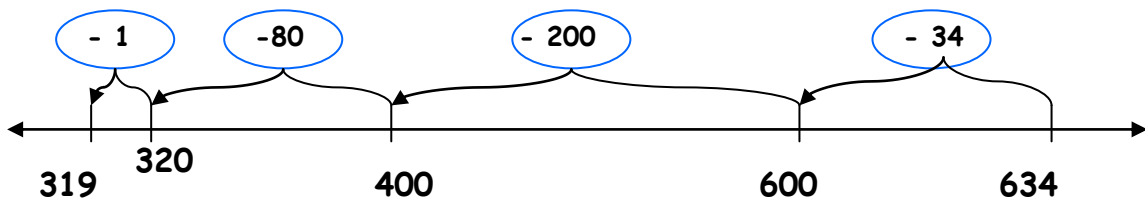
**If you choose to use this strategy, you must be able to explain why you "borrow" or "regroup" using place-value words. For example, if you take 9 away from 4 you will get a negative number, so I borrowed from the tens place to make the 4 a 14 (10+4).

2. Number Line to Count Up



For example, start at 319. Hop until you get to 634. Add the hops to get your answer. In this case $1 + 80 + 200 + 34 = 315$.

3. Number Line to Subtract Back



** Start with the larger number and subtract back to the smaller number.

For example, start at 634. Hop back until you get to 319. Add the hops to get your answer. In this case $1 + 80 + 200 + 34 = 315$.

3. Subtract by place value.

$$\begin{array}{r} 634 \\ - 319 \\ \hline -5 \\ 20 \\ \hline 300 \\ \hline 315 \end{array}$$

- Subtract one places, get -5
- Subtract tens $30 - 10 = 20$
- Subtract hundreds $600 - 300 = 300$

Total (answer): $300 + 20 - 5 = 315$

5. Break apart ONE NUMBER.

$$634 - \underline{319} \qquad 634 - \underline{300} = 334$$

$$334 - \underline{10} = 324$$

$$324 - \underline{9} = 315$$

6. Rounding and Compensating

$$\begin{array}{r} +13 \\ 451 - 278 \end{array}$$

** Only round the second (smaller) number.

$$451 - 300 = 151 + 13 = 164$$

7. Make an Equivalent Problem

$$\begin{array}{r} 451 - 287 \\ +13 \quad +13 \end{array}$$

$$464 - 300 = 164$$