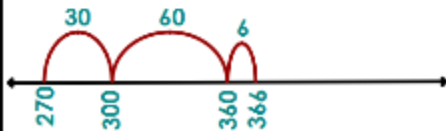


Addition Strategies

Breaking Apart	Addition Strategies		Stacking (U.S. Algorithm)
	Problem	Place	
Number Line	Equivalent Problem		

After

Breaking Apart	Addition Strategies		Stacking (U.S. Algorithm)
$270 + 96$ \swarrow $266 + 4$ $266 + 4 + 96$ $266 + 100$ 366	Problem $270 + 96$	Place	$\begin{array}{r} 1 \\ 270 \\ + 96 \\ \hline 366 \end{array}$
$200 + 70 + 0$ $\quad 90 + 6$ $\hline 200 + 160 + 6$ 366		$\begin{array}{r} 270 \\ + 96 \\ \hline 200 \\ 160 \\ + 6 \\ \hline 366 \end{array}$	
Number Line	Equivalent Problem		
$270 + 96 = 366$ 	$270 + 96 = 300 + 66$ 366		

Before

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Teacher Tips

- Display the Addition Strategies Graphic Organizer on an interactive whiteboard for whole class discussions.
- Give students a copy of the Addition Strategies Graphic Organizer to keep in their math journals.
- To use with fine tip dry erase markers, print the Addition Strategies Graphic Organizer on white card stock and laminate.
- Give a copy of the Addition Strategies Graphic Organizer to groups of students. Each group works together to complete an addition problem using each of the strategies.

Addition Strategies

Breaking Apart

Problem

Place

Stacking
(U.S. Algorithm)

Number Line



Equivalent Problem

Addition Strategies

Breaking Apart

$$\begin{array}{l} 270 + 96 \\ \swarrow \quad \searrow \\ 266 + 4 \\ 266 + 4 + 96 \\ 266 + 100 \\ 366 \end{array}$$

Problem $270 + 96$

Place

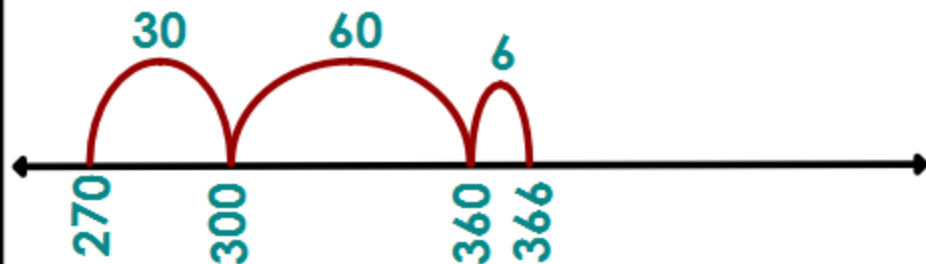
$$\begin{array}{r} 200 + 70 + 0 \\ \quad \quad 90 + 6 \\ \hline 200 + 160 + 6 \\ 366 \end{array} \qquad \begin{array}{r} 270 \\ + 96 \\ \hline 200 \\ 160 \\ + 6 \\ \hline 366 \end{array}$$

Stacking (U.S. Algorithm)

$$\begin{array}{r} 1 \\ 270 \\ + 96 \\ \hline 366 \end{array}$$

Number Line

$$270 + 96 = 366$$



Equivalent Problem

$$\begin{array}{l} 270 + 96 = 300 + 66 \\ 366 \end{array}$$

Addition Strategies

Breaking Apart

$$\begin{array}{r} 406 + 271 \\ \swarrow \quad \searrow \\ 400 + 6 \quad 200 + 71 \\ \hline 400 + 6 + 200 + 71 \\ 400 + 200 = 600 \\ 71 + 6 = 77 \\ 600 + 77 = 677 \end{array}$$

Problem $406 + 271$

Place

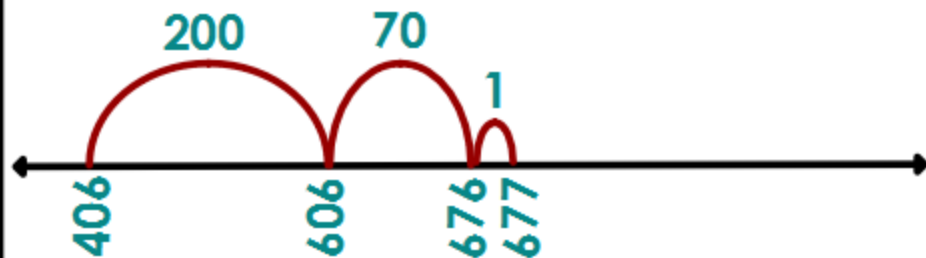
$$\begin{array}{r} 400 + 00 + 6 \\ 200 + 70 + 1 \\ \hline 600 + 70 + 7 \\ 677 \end{array} \qquad \begin{array}{r} 406 \\ + 271 \\ \hline 600 \\ 70 \\ + 7 \\ \hline 677 \end{array}$$

Stacking (U.S. Algorithm)

$$\begin{array}{r} 406 \\ + 271 \\ \hline 677 \end{array}$$

Number Line

$$406 + 271 = 677$$



Equivalent Problem

$$406 + 271 = 400 + 271 + 6$$
$$677$$