

## Model 3-Digit Addition Regroup Tens

Adding two three digit numbers (for example  $346 + 479$ ) involves several steps.

Place one number above the other so that the hundreds, tens and ones places are lined up. Draw a line under the bottom number.

$$\begin{array}{r} 346 \\ \underline{479} \end{array}$$

Add the ones place digits ( $9 + 6 = 15$ ). This number is larger than 10 so place a one above the tens place column and place the five below the line in the ones place column.

$$\begin{array}{r} | \\ 346 \\ \underline{479} \\ 5 \end{array}$$

Add the tens place digits ( $1 + 4 + 7 = 12$ ). This number is larger than 10 so place a one above the hundreds place column and place the two below the line in the ones place column.

$$\begin{array}{r} | \\ 346 \\ \underline{479} \\ 25 \end{array}$$

Add the numbers in the hundreds place column ( $1 + 3 + 4 = 8$ ) and place the 8 below the line.

$$\begin{array}{r} 346 \\ \underline{479} \\ 825 \end{array}$$

Examples:

## A) Add.

1) Hundreds    Tens    Ones

$$\begin{array}{r}
 \phantom{+} \quad | \phantom{00} \phantom{00} \phantom{00} \\
 \phantom{+} \quad 5 \phantom{00} \phantom{00} \phantom{00} \\
 + \quad 2 \phantom{00} \phantom{00} \phantom{00} \\
 \hline
 8 \phantom{00} \phantom{00} \phantom{00}
 \end{array}$$

2) Hundreds    Tens    Ones

$$\begin{array}{r}
 \phantom{+} \quad | \phantom{00} \phantom{00} \phantom{00} \\
 \phantom{+} \quad 3 \phantom{00} \phantom{00} \phantom{00} \\
 + \quad 5 \phantom{00} \phantom{00} \phantom{00} \\
 \hline
 9 \phantom{00} \phantom{00} \phantom{00}
 \end{array}$$

3) Hundreds    Tens    Ones

$$\begin{array}{r}
 \phantom{+} \quad | \phantom{00} \phantom{00} \phantom{00} \\
 \phantom{+} \quad 4 \phantom{00} \phantom{00} \phantom{00} \\
 + \quad 4 \phantom{00} \phantom{00} \phantom{00} \\
 \hline
 9 \phantom{00} \phantom{00} \phantom{00}
 \end{array}$$

4) Hundreds    Tens    Ones

$$\begin{array}{r}
 \phantom{+} \quad | \phantom{00} \phantom{00} \phantom{00} \\
 \phantom{+} \quad 6 \phantom{00} \phantom{00} \phantom{00} \\
 + \quad 1 \phantom{00} \phantom{00} \phantom{00} \\
 \hline
 8 \phantom{00} \phantom{00} \phantom{00}
 \end{array}$$