

# Front-End Estimation

Front-end estimation only uses the numbers in the very left column.

If you are working with a 2 digit number, you will round to the nearest tens place, and if you are working with a 3 digit number, you will round to the nearest hundreds place.

Examples:

$$\begin{array}{r} 64 \\ +22 \\ \hline \end{array} \rightarrow \begin{array}{r} 60 \\ +20 \\ \hline 80 \end{array}$$

$$\begin{array}{r} 578 \\ -241 \\ \hline \end{array} \rightarrow \begin{array}{r} 600 \\ -200 \\ \hline 400 \end{array}$$

$$\begin{array}{r} 55 \\ +31 \\ \hline \end{array} \rightarrow \begin{array}{r} + \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ +11 \\ \hline \end{array} \rightarrow \begin{array}{r} + \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ +46 \\ \hline \end{array} \rightarrow \begin{array}{r} + \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ +74 \\ \hline \end{array} \rightarrow \begin{array}{r} + \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ -34 \\ \hline \end{array} \rightarrow \begin{array}{r} - \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ -13 \\ \hline \end{array} \rightarrow \begin{array}{r} - \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ -29 \\ \hline \end{array} \rightarrow \begin{array}{r} - \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ -44 \\ \hline \end{array} \rightarrow \begin{array}{r} - \\ \hline \end{array}$$

$$\begin{array}{r} 792 \\ +136 \\ \hline \end{array} \rightarrow \begin{array}{r} + \\ \hline \end{array}$$

$$\begin{array}{r} 349 \\ +267 \\ \hline \end{array} \rightarrow \begin{array}{r} + \\ \hline \end{array}$$

$$\begin{array}{r} 452 \\ +631 \\ \hline \end{array} \rightarrow \begin{array}{r} + \\ \hline \end{array}$$

$$\begin{array}{r} 585 \\ +842 \\ \hline \end{array} \rightarrow \begin{array}{r} + \\ \hline \end{array}$$

$$\begin{array}{r} 389 \\ -198 \\ \hline \end{array} \rightarrow \begin{array}{r} - \\ \hline \end{array}$$

$$\begin{array}{r} 867 \\ -491 \\ \hline \end{array} \rightarrow \begin{array}{r} - \\ \hline \end{array}$$

$$\begin{array}{r} 511 \\ -284 \\ \hline \end{array} \rightarrow \begin{array}{r} - \\ \hline \end{array}$$

$$\begin{array}{r} 738 \\ -684 \\ \hline \end{array} \rightarrow \begin{array}{r} - \\ \hline \end{array}$$