

front-end estimation

A method of estimating sums, differences, products, and quotients using front digits.

Example:

Step 1

Add the front-end digits.

$$\begin{array}{r} 473 \\ + 128 \\ \hline 500 \end{array}$$

Step 2

Adjust the estimate.

$$\begin{array}{r} 473 \\ + 128 \\ \hline 600 \end{array}$$

76 + 28 is
about 100 more.

473 + 128 is about 600.