

Name: _____

Date: _____

Front-End Estimation

Estimate the sum or difference by using front-end estimation.

1.

$$\begin{array}{r} 878 \\ - 434 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{l} - \\ \hline \end{array}$$

2.

$$\begin{array}{r} 59 \\ + 23 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{l} + \\ \hline \end{array}$$

3.

$$\begin{array}{r} 269 \\ + 168 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{l} + \\ \hline \end{array}$$

4.

$$\begin{array}{r} 56 \\ - 27 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{l} - \\ \hline \end{array}$$

5.

$$\begin{array}{r} 48 \\ - 33 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{l} - \\ \hline \end{array}$$

6.

$$\begin{array}{r} 562 \\ + 315 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{l} + \\ \hline \end{array}$$

7.

$$\begin{array}{r} 32 \\ + 29 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{l} + \\ \hline \end{array}$$

8.

$$\begin{array}{r} 878 \\ - 223 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{l} - \\ \hline \end{array}$$

9.

$$\begin{array}{r} 731 \\ + 125 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{l} + \\ \hline \end{array}$$

10.

$$\begin{array}{r} 66 \\ - 23 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{l} - \\ \hline \end{array}$$

11.

$$\begin{array}{r} 667 \\ - 143 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{l} - \\ \hline \end{array}$$

12.

$$\begin{array}{r} 588 \\ + 267 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{l} + \\ \hline \end{array}$$

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1.

$$\begin{array}{r} 878 \\ - 434 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{r} 900 \\ - 400 \\ \hline 500 \end{array}$$

2.

$$\begin{array}{r} 59 \\ + 23 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{r} 60 \\ + 20 \\ \hline 80 \end{array}$$

3.

$$\begin{array}{r} 269 \\ + 168 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{r} 300 \\ + 200 \\ \hline 500 \end{array}$$

4.

$$\begin{array}{r} 56 \\ - 27 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{r} 60 \\ - 30 \\ \hline 30 \end{array}$$

5.

$$\begin{array}{r} 48 \\ - 33 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{r} 50 \\ - 30 \\ \hline 20 \end{array}$$

6.

$$\begin{array}{r} 562 \\ + 315 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{r} 600 \\ + 300 \\ \hline 900 \end{array}$$

7.

$$\begin{array}{r} 32 \\ + 29 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{r} 30 \\ + 30 \\ \hline 700 \end{array}$$

8.

$$\begin{array}{r} 878 \\ - 223 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{r} 900 \\ - 200 \\ \hline 700 \end{array}$$

9.

$$\begin{array}{r} 731 \\ + 125 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{r} 700 \\ + 100 \\ \hline 800 \end{array}$$

10.

$$\begin{array}{r} 66 \\ - 23 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{r} 70 \\ - 20 \\ \hline 50 \end{array}$$

11.

$$\begin{array}{r} 667 \\ - 143 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{r} 700 \\ - 100 \\ \hline 600 \end{array}$$

12.

$$\begin{array}{r} 588 \\ + 267 \\ \hline \end{array} \quad \begin{array}{l} \rightarrow \\ \rightarrow \end{array} \quad \begin{array}{r} 600 \\ + 300 \\ \hline 900 \end{array}$$