

Name: _____

Front-end Estimation

Level 1: S1

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

$$\begin{array}{r} 1) \quad 746 \longrightarrow \\ + 329 \longrightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 251 \longrightarrow \\ - 73 \longrightarrow - \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 547 \longrightarrow \\ - 16 \longrightarrow - \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 65 \longrightarrow \\ + 89 \longrightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 72 \longrightarrow \\ + 925 \longrightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 473 \longrightarrow \\ - 37 \longrightarrow - \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 68 \longrightarrow \\ - 21 \longrightarrow - \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 169 \longrightarrow \\ + 862 \longrightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 94 \longrightarrow \\ + 103 \longrightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 712 \longrightarrow \\ - 35 \longrightarrow - \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 672 \longrightarrow \\ - 358 \longrightarrow - \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 28 \longrightarrow \\ + 81 \longrightarrow + \\ \hline \end{array}$$

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Answer Key

Front-end Estimation

Level 1: S1

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

$$\begin{array}{r} 1) \quad 746 \longrightarrow 700 \\ + 329 \longrightarrow + 300 \\ \hline 1,000 \end{array}$$

$$\begin{array}{r} 2) \quad 251 \longrightarrow 300 \\ - 73 \longrightarrow - 70 \\ \hline 230 \end{array}$$

$$\begin{array}{r} 3) \quad 547 \longrightarrow 500 \\ - 16 \longrightarrow - 20 \\ \hline 480 \end{array}$$

$$\begin{array}{r} 4) \quad 65 \longrightarrow 70 \\ + 89 \longrightarrow + 90 \\ \hline 160 \end{array}$$

$$\begin{array}{r} 5) \quad 72 \longrightarrow 70 \\ + 925 \longrightarrow + 900 \\ \hline 970 \end{array}$$

$$\begin{array}{r} 6) \quad 473 \longrightarrow 500 \\ - 37 \longrightarrow - 40 \\ \hline 460 \end{array}$$

$$\begin{array}{r} 7) \quad 68 \longrightarrow 70 \\ - 21 \longrightarrow - 20 \\ \hline 50 \end{array}$$

$$\begin{array}{r} 8) \quad 169 \longrightarrow 200 \\ + 862 \longrightarrow + 900 \\ \hline 1,100 \end{array}$$

$$\begin{array}{r} 9) \quad 94 \longrightarrow 90 \\ + 103 \longrightarrow + 100 \\ \hline 190 \end{array}$$

$$\begin{array}{r} 10) \quad 712 \longrightarrow 700 \\ - 35 \longrightarrow - 40 \\ \hline 660 \end{array}$$

$$\begin{array}{r} 11) \quad 672 \longrightarrow 700 \\ - 358 \longrightarrow - 400 \\ \hline 300 \end{array}$$

$$\begin{array}{r} 12) \quad 28 \longrightarrow 30 \\ + 81 \longrightarrow + 80 \\ \hline 110 \end{array}$$