

Name: \_\_\_\_\_

## Front-end Estimation

Level 1: S2

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

$$\begin{array}{r} 1) \quad 872 \longrightarrow \\ - \quad 46 \longrightarrow - \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 65 \longrightarrow \\ + \quad 124 \longrightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 25 \longrightarrow \\ + \quad 613 \longrightarrow \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 532 \longrightarrow \\ - \quad 118 \longrightarrow - \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 92 \longrightarrow \\ - \quad 17 \longrightarrow \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 456 \longrightarrow \\ + \quad 234 \longrightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 380 \longrightarrow \\ + \quad 569 \longrightarrow \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 789 \longrightarrow \\ - \quad 123 \longrightarrow - \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 711 \longrightarrow \\ - \quad 12 \longrightarrow \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 678 \longrightarrow \\ + \quad 321 \longrightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 45 \longrightarrow \\ + \quad 83 \longrightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 831 \longrightarrow \\ - \quad 129 \longrightarrow - \\ \hline \end{array}$$

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## Answer Key

### Front-end Estimation

Level 1: S2

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

$$\begin{array}{r} 1) \quad 872 \longrightarrow 900 \\ - 46 \longrightarrow - 50 \\ \hline 850 \end{array}$$

$$\begin{array}{r} 2) \quad 65 \longrightarrow 70 \\ + 124 \longrightarrow + 100 \\ \hline 170 \end{array}$$

$$\begin{array}{r} 3) \quad 25 \longrightarrow 30 \\ + 613 \longrightarrow 600 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 532 \longrightarrow 500 \\ - 300 \longrightarrow - 300 \\ \hline 200 \end{array}$$

$$\begin{array}{r} 5) \quad 92 \longrightarrow 100 \\ - 17 \longrightarrow - 20 \\ \hline \end{array}$$

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$$\begin{array}{r} 700 \\ + 50 \\ \hline 750 \end{array}$$

$$\begin{array}{r} 7) \quad 380 \longrightarrow 400 \\ + 569 \longrightarrow 600 \\ \hline \end{array}$$

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$$\begin{array}{r} 60 \\ - 20 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 9) \quad 711 \longrightarrow 700 \\ - 12 \longrightarrow - 10 \\ \hline \end{array}$$

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$$\begin{array}{r} 60 \\ + 400 \\ \hline 460 \end{array}$$

$$\begin{array}{r} 11) \quad 45 \longrightarrow 50 \\ + 83 \longrightarrow + 80 \\ \hline 130 \end{array}$$

$$\begin{array}{r} 12) \quad 831 \longrightarrow 800 \\ - 129 \longrightarrow - 100 \\ \hline 700 \end{array}$$