



Front - End Estimation

Name _____

Score _____

EN:22

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

$$\begin{array}{r} 1) \quad 7,922 \longrightarrow \quad \mathbf{8,000} \\ + 1,005 \longrightarrow + \quad \mathbf{1,000} \\ \hline \mathbf{9,000} \end{array}$$

$$\begin{array}{r} 2) \quad 613 \longrightarrow \\ + 542 \longrightarrow + \quad \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{r} 3) \quad 98 \longrightarrow \\ - 27 \longrightarrow - \quad \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{r} 4) \quad 43,014 \longrightarrow \\ - 3,855 \longrightarrow - \quad \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{r} 5) \quad 28,608 \longrightarrow \\ + 17,792 \longrightarrow + \quad \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{r} 6) \quad 5,234 \longrightarrow \\ + 701 \longrightarrow + \quad \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{r} 7) \quad 965 \longrightarrow \\ - 79 \longrightarrow - \quad \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{r} 8) \quad 8,023 \longrightarrow \\ - 4,995 \longrightarrow - \quad \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{r} 9) \quad 294 \longrightarrow \\ + 621 \longrightarrow + \quad \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{r} 10) \quad 52 \longrightarrow \\ + 68 \longrightarrow + \quad \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{r} 11) \quad 705 \longrightarrow \\ - 165 \longrightarrow - \quad \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{r} 12) \quad 61,811 \longrightarrow \\ - 22,004 \longrightarrow - \quad \underline{\hspace{2cm}} \end{array}$$



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Answer key

EN:22

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

$$\begin{array}{r} 1) \quad 7,922 \longrightarrow \quad \mathbf{8,000} \\ + 1,005 \longrightarrow + \quad \mathbf{1,000} \\ \hline \mathbf{9,000} \end{array}$$

$$\begin{array}{r} 2) \quad 613 \longrightarrow \quad \mathbf{600} \\ + 542 \longrightarrow + \quad \mathbf{500} \\ \hline \mathbf{1,100} \end{array}$$

$$\begin{array}{r} 3) \quad 98 \longrightarrow \quad \mathbf{100} \\ - 27 \longrightarrow - \quad \mathbf{30} \\ \hline \mathbf{70} \end{array}$$

$$\begin{array}{r} 4) \quad 43,014 \longrightarrow \quad \mathbf{40,000} \\ - 3,855 \longrightarrow - \quad \mathbf{4,000} \\ \hline \mathbf{36,000} \end{array}$$

$$\begin{array}{r} 5) \quad 28,608 \longrightarrow \quad \mathbf{30,000} \\ + 17,792 \longrightarrow + \quad \mathbf{20,000} \\ \hline \mathbf{50,000} \end{array}$$

$$\begin{array}{r} 6) \quad 5,234 \longrightarrow \quad \mathbf{5,000} \\ + 701 \longrightarrow + \quad \mathbf{700} \\ \hline \mathbf{5,700} \end{array}$$

$$\begin{array}{r} 7) \quad 965 \longrightarrow \quad \mathbf{1,000} \\ - 79 \longrightarrow - \quad \mathbf{80} \\ \hline \mathbf{920} \end{array}$$

$$\begin{array}{r} 8) \quad 8,023 \longrightarrow \quad \mathbf{8,000} \\ - 4,995 \longrightarrow - \quad \mathbf{5,000} \\ \hline \mathbf{3,000} \end{array}$$

$$\begin{array}{r} 9) \quad 294 \longrightarrow \quad \mathbf{300} \\ + 621 \longrightarrow + \quad \mathbf{600} \\ \hline \mathbf{900} \end{array}$$

$$\begin{array}{r} 10) \quad 52 \longrightarrow \quad \mathbf{50} \\ + 68 \longrightarrow + \quad \mathbf{70} \\ \hline \mathbf{120} \end{array}$$

$$\begin{array}{r} 11) \quad 705 \longrightarrow \quad \mathbf{700} \\ - 165 \longrightarrow - \quad \mathbf{200} \\ \hline \mathbf{500} \end{array}$$

$$\begin{array}{r} 12) \quad 61,811 \longrightarrow \quad \mathbf{60,000} \\ - 22,004 \longrightarrow - \quad \mathbf{20,000} \\ \hline \mathbf{40,000} \end{array}$$