



Estimation: Sum or Difference

Name _____

Score _____

EN:16

Estimate the sum or difference by rounding each number to the nearest thousand.

$$\begin{array}{r} 1) \quad 7,873 \longrightarrow \\ - \quad 2,150 \longrightarrow - \end{array} \quad \begin{array}{|c|} \hline 8,000 \\ \hline 2,000 \\ \hline 6,000 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 20,707 \longrightarrow \\ - \quad 11,234 \longrightarrow - \end{array} \quad \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 47,081 \longrightarrow \\ + \quad 21,562 \longrightarrow + \end{array} \quad \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 3,126 \longrightarrow \\ + \quad 5,709 \longrightarrow + \end{array} \quad \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 9,999 \longrightarrow \\ - \quad 4,674 \longrightarrow - \end{array} \quad \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 13,804 \longrightarrow \\ - \quad 8,645 \longrightarrow - \end{array} \quad \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 25,334 \quad + \quad 33,021 \\ \downarrow \quad \quad \downarrow \\ \square \quad + \quad \square = \square \end{array}$$

$$\begin{array}{r} 8) \quad 7,565 \quad + \quad 8,909 \\ \downarrow \quad \quad \downarrow \\ \square \quad + \quad \square = \square \end{array}$$

$$\begin{array}{r} 9) \quad 6,245 \quad - \quad 1,446 \\ \downarrow \quad \quad \downarrow \\ \square \quad - \quad \square = \square \end{array}$$

$$\begin{array}{r} 10) \quad 17,123 \quad - \quad 10,311 \\ \downarrow \quad \quad \downarrow \\ \square \quad - \quad \square = \square \end{array}$$

$$\begin{array}{r} 11) \quad 44,812 \quad + \quad 5,018 \\ \downarrow \quad \quad \downarrow \\ \square \quad + \quad \square = \square \end{array}$$

$$\begin{array}{r} 12) \quad 4,142 \quad + \quad 9,557 \\ \downarrow \quad \quad \downarrow \\ \square \quad + \quad \square = \square \end{array}$$



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Answer key

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Estimate the sum or difference by rounding each number to the nearest thousand.

$$\begin{array}{r} 1) \quad 7,873 \longrightarrow \\ - \quad 2,150 \longrightarrow - \\ \hline \end{array} \quad \begin{array}{c} \mathbf{8,000} \\ \mathbf{2,000} \\ \hline \mathbf{6,000} \end{array}$$

$$\begin{array}{r} 2) \quad 20,707 \longrightarrow \\ - \quad 11,234 \longrightarrow - \\ \hline \end{array} \quad \begin{array}{c} \mathbf{21,000} \\ \mathbf{11,000} \\ \hline \mathbf{10,000} \end{array}$$

$$\begin{array}{r} 3) \quad 47,081 \longrightarrow \\ + \quad 21,562 \longrightarrow + \\ \hline \end{array} \quad \begin{array}{c} \mathbf{47,000} \\ \mathbf{22,000} \\ \hline \mathbf{69,000} \end{array}$$

$$\begin{array}{r} 4) \quad 3,126 \longrightarrow \\ + \quad 5,709 \longrightarrow + \\ \hline \end{array} \quad \begin{array}{c} \mathbf{3,000} \\ \mathbf{6,000} \\ \hline \mathbf{9,000} \end{array}$$

$$\begin{array}{r} 5) \quad 9,999 \longrightarrow \\ - \quad 4,674 \longrightarrow - \\ \hline \end{array} \quad \begin{array}{c} \mathbf{10,000} \\ \mathbf{5,000} \\ \hline \mathbf{5,000} \end{array}$$

$$\begin{array}{r} 6) \quad 13,804 \longrightarrow \\ - \quad 8,645 \longrightarrow - \\ \hline \end{array} \quad \begin{array}{c} \mathbf{14,000} \\ \mathbf{9,000} \\ \hline \mathbf{5,000} \end{array}$$

$$\begin{array}{r} 7) \quad 25,334 \quad + \quad 33,021 \\ \downarrow \qquad \qquad \downarrow \\ \mathbf{25,000} \quad + \quad \mathbf{33,000} = \mathbf{58,000} \end{array}$$

$$\begin{array}{r} 8) \quad 7,565 \quad + \quad 8,909 \\ \downarrow \qquad \qquad \downarrow \\ \mathbf{8,000} \quad + \quad \mathbf{9,000} = \mathbf{17,000} \end{array}$$

$$\begin{array}{r} 9) \quad 6,245 \quad - \quad 1,446 \\ \downarrow \qquad \qquad \downarrow \\ \mathbf{6,000} \quad - \quad \mathbf{1,000} = \mathbf{5,000} \end{array}$$

$$\begin{array}{r} 10) \quad 17,123 \quad - \quad 10,311 \\ \downarrow \qquad \qquad \downarrow \\ \mathbf{17,000} \quad - \quad \mathbf{10,000} = \mathbf{7,000} \end{array}$$

$$\begin{array}{r} 11) \quad 44,812 \quad + \quad 5,018 \\ \downarrow \qquad \qquad \downarrow \\ \mathbf{45,000} \quad + \quad \mathbf{5,000} = \mathbf{50,000} \end{array}$$

$$\begin{array}{r} 12) \quad 4,142 \quad + \quad 9,557 \\ \downarrow \qquad \qquad \downarrow \\ \mathbf{4,000} \quad + \quad \mathbf{10,000} = \mathbf{14,000} \end{array}$$