

## Estimating Sums & Adding 4-Digits

A. Estimate the sums by rounding the numbers to the nearest hundred.

$$\begin{array}{r} 8584 \rightarrow 8600 \\ + 3205 \rightarrow + 3200 \\ \hline 11789 \quad \quad \quad 11800 \end{array}$$

$$\begin{array}{r} 9228 \rightarrow 9200 \\ + 6158 \rightarrow + 6200 \\ \hline 15386 \quad \quad \quad 15400 \end{array}$$

$$\begin{array}{r} 3928 \rightarrow 3900 \\ + 6249 \rightarrow + 6200 \\ \hline 10177 \quad \quad \quad 10100 \end{array}$$

$$\begin{array}{r} 7868 \rightarrow 7900 \\ + 4762 \rightarrow + 4800 \\ \hline 12630 \quad \quad \quad 12700 \end{array}$$

B. Estimate the sums by rounding the numbers to the nearest thousand.

$$\begin{array}{r} 4352 \rightarrow 4000 \\ + 6787 \rightarrow + 7000 \\ \hline 11139 \quad \quad \quad 11000 \end{array}$$

$$\begin{array}{r} 8334 \rightarrow 8000 \\ + 5607 \rightarrow + 6000 \\ \hline 13941 \quad \quad \quad 14000 \end{array}$$

$$\begin{array}{r} 2983 \rightarrow 3000 \\ + 6065 \rightarrow + 6000 \\ \hline 9048 \quad \quad \quad 9000 \end{array}$$

$$\begin{array}{r} 7554 \rightarrow 8000 \\ + 7456 \rightarrow + 7000 \\ \hline 15010 \quad \quad \quad 15000 \end{array}$$

C. Choose four problems above to find the exact sums. You can solve all eight problems if you want!

