

Problem Solving

Solve the problems. Use the *Addition Strategies Menu* in the *Student Guide Reference section*.

1. Romesh and Jason are playing the Digits Game. After four cards, their boards are below. Find each boy's sum using two different methods.

Romesh

$$\begin{array}{r} \boxed{6} \boxed{4} \\ + \boxed{8} \boxed{7} \\ \hline \end{array}$$

Second Method

Jason

$$\begin{array}{r} \boxed{7} \boxed{4} \\ + \boxed{8} \boxed{6} \\ \hline \end{array}$$

2. Kathy and Sara played a game for the largest number. Their boards are below. Find each sum. Explain a strategy for deciding if your answers are reasonable.

Kathy

$$\begin{array}{r} \boxed{8} \boxed{1} \boxed{4} \\ + \boxed{6} \boxed{2} \boxed{3} \\ \hline \end{array}$$

Estimation Strategy

Sara

$$\begin{array}{r} \boxed{1} \boxed{6} \boxed{3} \\ + \boxed{8} \boxed{4} \boxed{2} \\ \hline \end{array}$$