

Puzzle of the Week

Fill in the Blanks – 6

These sums, using the numbers from 1 to 6 once each, are not particularly close to 100.

$$\begin{array}{r} \boxed{3} \ \boxed{1} \\ \boxed{4} \ \boxed{2} \\ + \ \boxed{6} \ \boxed{5} \\ \hline 1 \ 3 \ 8 \end{array} \qquad \begin{array}{r} \boxed{1} \ \boxed{3} \\ \boxed{2} \ \boxed{5} \\ + \ \boxed{4} \ \boxed{6} \\ \hline 8 \ 4 \end{array}$$

THE CHALLENGE: Use the numbers from 1 to 6 once each to make a sum as close to 100 as possible.

$$\begin{array}{r} \square \ \square \\ \square \ \square \\ + \ \square \ \square \\ \hline \end{array}$$

1 2 3 4 5 6

EXPLORATION: How does your answer change if you use the numbers from 1 to 7 or 1 to 8 instead, using each number no more than once.