

Puzzle of the Week

Fractions – 2

THE CHALLENGE: Use the numbers 1 to 9 at most once each to fill in the boxes. Make $\frac{\square}{\square} + \frac{\square}{\square}$ as small as possible. Also, use the numbers 1 to 9 at most once each to make $\frac{\square}{\square} + \frac{\square}{\square}$ as large as possible.

$$\frac{\square}{\square} + \frac{\square}{\square}$$

1 2 3 4 5 6 7 8 9

EXPLORATION: What happens if the fractions must be proper fractions?