

# Fraction Puzzlers: Part 3

Get as close to  $\frac{1}{2}$  as you can using 1 through 6 exactly once each. Try many approaches!

$$\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \quad \boxed{\phantom{00}} \quad \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \quad \boxed{\phantom{00}} \quad \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \approx \frac{1}{2}$$

1 2 3 4 5 6

$$\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \quad \boxed{\phantom{00}} \quad \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \quad \boxed{\phantom{00}} \quad \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \approx \frac{1}{2}$$

1 2 3 4 5 6

$$\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \quad \boxed{\phantom{00}} \quad \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \quad \boxed{\phantom{00}} \quad \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \approx \frac{1}{2}$$

1 2 3 4 5 6

$$\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \quad \boxed{\phantom{00}} \quad \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \quad \boxed{\phantom{00}} \quad \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \approx \frac{1}{2}$$

1 2 3 4 5 6

$$\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \quad \boxed{\phantom{00}} \quad \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \quad \boxed{\phantom{00}} \quad \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \approx \frac{1}{2}$$

1 2 3 4 5 6

$$\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \quad \boxed{\phantom{00}} \quad \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \quad \boxed{\phantom{00}} \quad \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \approx \frac{1}{2}$$

1 2 3 4 5 6