

Sum Fractions

Egyptian fractions are fractions where the numerator is 1. To make fractions with other numerators, two or more fractions with different denominators are added together. For example

$\frac{2}{3} = \frac{1}{2} + \frac{1}{6} = \frac{1}{3} + \frac{1}{4} + \frac{1}{12}$ and $\frac{5}{8} = \frac{1}{2} + \frac{1}{8} = \frac{1}{3} + \frac{1}{4} + \frac{1}{24}$. Notice that there is more than one way to express each fraction.

The challenge is to write $\frac{5}{6}$ as an Egyptian fraction without using $\frac{1}{2}$ or $\frac{1}{3}$.