

Egyptian Fraction:

$$6/14$$

Here denominator is bigger than Numerator

Hence find the largest unique fraction.

It can be found by

$$\frac{14}{6} = 2.33333$$

$$\text{Ceiling of } 2.33333 = 3$$

Now the largest unique fraction
becomes $1/3$

$$\frac{6}{14} - \frac{1}{3} = \frac{18 - 14}{14 \times 3} = \frac{4}{42} = \frac{2}{21}$$

So the current fractions are

$$1/3 \text{ \& } \frac{2}{21}$$

Now let us find the egyptian fraction for

$$2/21$$

$$\frac{21}{2} = 10.5$$

upper cap would be = 11

So $1/11$ would be the most unique fraction.

$$\text{Now } \frac{2}{21} - \frac{1}{11} = \frac{22 - 21}{21 \times 11} = \frac{1}{231}$$

So the unique fractions for $6/14$ is $\rightarrow \frac{1}{3}, \frac{1}{11}, \frac{1}{231}$