



Research what continued or complex fractions are and how to solve them. Verify that this sample complex fraction = $17/28$.

$$\frac{1}{1 + \frac{1}{1 + \frac{1}{1 + \frac{1}{5}}}}$$

Experiment by changing $1/5$ to other fractional values and calculate the result. Continue the experiment by changing other parts of the complex fraction. Look for patterns. Record your changes and results in a table.

Make a poster of the complex fractions illustrating the patterns discovered. Share your results with the class.