

Experiment 3. (Groups of 4)

Using the formula given below, try to find the best approximation of π ? (you may add and subtract up to 100 fractions.) Just follow the pattern and make a simple calculations.

$$\frac{\pi}{4} = \frac{1}{1} - \frac{1}{3} + \frac{1}{5} - \frac{1}{7} + \frac{1}{9} + \dots$$

Write your calculations in the WORKSHEET document.

What number did you get?

How close to π you are?