Yufeng Chinese School

Zach Moyer – North Campus Math Enrichment
Assignment #3
Name:_____

1. Write out and calculate (with a calculator) the first 8 approximations of for π using Madhava's formula. The first approximation includes only 1 term; namely, 1; the second will be 1 - 1/3, the third will be 1 – 1/3 +1/5, and so on. Use class notes.

2. Write out and calculate (with a calculator) the first 6 approximations of for π using Euler's formula.

3. Write out and calculate (with a calculator) the first 5 approximations of π using Wallis' formula.