

Class Prep (prepare for Wednesday, January 17)

Do Questions 2 and 3 on the first page of the Details of Fujimoto's Approximation Method handout, using the fact that $\frac{1}{5} = (0.\overline{0011})_2$. Come prepared to discuss your solutions.

Problems (due Friday, January 19 at the beginning of class)

1. Choose an odd number n larger than 7 and write out the details of what happens with the error when you use Fujimoto's approximation method to fold a strip into $\frac{1}{n}$ ths (as we did with $\frac{1}{5}$ in class Friday). Use illustrative diagrams as appropriate.