

# MATH 162: QUESTIONS FOR CLASS DISCUSSION

SPRING 2020



[integration by parts](#): January 13

[trig integrals](#): January 15

[trig substitution](#): January 17

[partial fraction decomposition](#): January 22

[strategies for integration](#) January 24

[little  \$o\$  and big  \$O\$](#)  January 27

[improper integrals](#) January 29

[applications to probability](#) January 31 & February 3

[practice problems for test 1](#) February 5

Test February 1 7

[intro to numerical \*sequences\*](#) February 10

[intro to numerical \*series\*](#) February 12, 14

[test for divergence](#) February 17

[comparison, integral, ratio tests](#) Feb 19 & 21

[absolute and conditional convergence](#) February 24

[power series](#) February 28 & March 9

[Maclaurin / Taylor series](#) March 9 & 11

[a brief introduction to hyperbolic functions](#) March 11

*Test 2* March 13

*Test 3* April 3