

MATH 190, QUIZ 1

Sept 24, 2018
Time: 15 minutes

Show all your work. No calculators, no books/notes are allowed.

Name (please print): _____

Student number: _____

1. [4 points] Find all value(s) of x in $[0, 2\pi]$ that solve

$$e^x(2 \cos x - 1) = 0$$

2. [6 points] Find the domain of the following function.

$$f(x) = \frac{x^2 + 1}{(e^x - 1) \sin x}$$