

Math 126

Exam 1

April 20, 2023

Name

Student ID #

Section

HONOR STATEMENT

"I affirm that my work upholds the highest standards of honesty and academic integrity at the University of Washington, and that I have neither given nor received any unauthorized assistance on this exam."

SIGNATURE:

•This exam consists of this cover, four pages of questions, and a blank "scratch sheet". If you

put work on the scratch sheet and you want it to be graded, then you must clearly tell us in the

problem to "see scratch page".

•You will have 50 minutes.

•You are allowed to use a Ti-30x IIS Calculator model ONLY (no other calculators allowed) and

one 8.5 by 11 inch sheet of handwritten notes (front and back). All other sources are forbidden.

•Turn your cell phone OFF and put it away for the duration of the exam. You may not listen to

headphones or earbuds during the exam.

•You must show your work. The correct answer with no supporting work may result in no

credit.

•Leave your answer in exact form. Simplify standard trig, inverse trig, natural logarithm, and root

values. Here are several examples: you should write

$4 = 2$ and \cos

π

6

$=\sqrt{}$

3

2 and 7

$2-3$

$5=29$

10

and $\ln(1) = 0$ and $\tan^{-1}(1) = \pi$

4 .

•Unless otherwise indicated, when rounding is necessary, you may round your final answer to two

digits after the decimal.

•Do not write within 1 centimeter of the edge! Your exam will be scanned for grading.

•There may be multiple versions, you have signed an honor statement, and cheating is a hassle

for everyone involved. If we find that you give an answer that is only appropriate for the other

version of the exam and there is no work to support your answer, then you will get a zero on the

entire exam and your work will be submitted to the academic misconduct board. JUST DO NOT

CHEAT.