University of Toronto
MAT246H1/LEC0101
Term Test 2, Fall 2024

Answer the questions in the spaces provided. If you run out of room for an answer, raise your hand to request extra paper.

Name & UTORid: SOLUTIONS

1. (2 points)

   (a) (1 point) Find the greatest common divisor of 291 and 573.

$573 = 291 \cdot 1 + 282$

$291 = 282 \cdot 1 + 9$

$282 = 9 \cdot 31 + 3$

$9 = 3 \cdot 3$