TIME (Q1-3) 3:00

University of Toronto
MAT246H1/LEC0101
Term Test 3, 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) For each of the following angles, say whether or not they can be trisected using only a straightedge and compass.

   (a) (1 point) $12°$

   No ($12/3 = 4°$ is not a multiple of 3)

   (b) (1 point) $45°$