## UNIVERSITY OF MANITOBA Quiz 3A

COURSE: MATH 1210 DATE & TIME: Feb 22/23/24, 20 Minutes

DURATION: IN LABS EXAMINER: Borgersen/Kristel PAGE: 2 of 2

[8] 1. Find all  $z \in \mathbb{C}$ , (that is, all complex numbers z) such that  $z^3 = \sqrt{1210}(1+i)$ . Express your answer(s) in exponential form.