

Name: _____

MATH 104

Spring 2023

HW 8: Due 05/04

*“Mathematics is the most beautiful and
most powerful creation of the human
spirit.”*

– Stefan Banach

Problem 1. (10pt) Showing all your work, find all the solutions to the following:

$$\cos(2\theta) = \frac{\sqrt{3}}{2}$$

Problem 2. (10pt) Showing all your work, find all the solutions to the following:

$$2\sin^2 x = \sin x + 1$$