Homework 2
MA 123, Ivan Zaigralin
Due May 24

Be first to report a math error for extra credit.

This is an addition to the set 1.

In the following 2 exercises, express the given function in the form $f \circ g$.

Exercise 1. $F(x) = \cos^2(x-1)$.

Exercise 2. $F(x) = \dfrac{\sqrt[3]{x}}{1 + \sqrt[3]{x}}$.

In the following 2 exercises, express the given function in the form $f \circ g \circ h$.

Exercise 3. $F(x) = \sqrt[8]{2 + |x|}$.

Exercise 4. $F(x) = 1 - 3^{x^2}$.