# Math 116
# Homework 05

Blake Farman
University of South Carolina

October 18, 2016

## 5.4

**4.** Graph the following functions over the interval $(0, 2\pi)$:

(a) $y = \sin(2x)$.

(b) $y = \cos\left(\frac{3}{2}x\right)$.

(c) $y = \sin(\pi x)$.

**10.** Graph $y = 3\sin(2x) - 1$, and find its amplitude, period, and frequency.