Name and Student ID's: _____

Homework 1, Calculus 2

1. Salas § 7.1: 6, 10, 24, 31, 39, 41, 44, 49, 51, 53.

2. Salas § 7.7: 18, 25, 30, 35, 42, 54.

3. Salas § 7.8: 10, 21, 36, 44.

4. Find the nth derivative of $\arcsin x$ at $x = 0$, and then of $(\arcsin x)^2$ at $x = 0$.