

## Homework 3 - Problem Set

(Numbered according to 9th edition)

**Problem 1:** Section 3.2 #4

**Problem 2:** Section 3.2 #9 (use Theorem 3.2.1)

**Problem 3:** Section 3.2 #25

**Problem 4:** Section 3.2 #29 (use Abel's Theorem 3.2.6)

**Problem 5:** Section 3.4 #6

**Problem 6:** Section 3.5 #7

**Problem 7:** Section 3.5 #16

**Problem 8:** Section 3.6 #1

**Problem 9:** Section 3.6 #17