

# MATH 302 Discrete Mathematics (Spring 2012, Session 501)

## Assignment 9, Due date: April 3, 2012

**Reading:** §6.4, 6.5

**Definition:** Write down the definitions of the following terms

- binomial theorem, Pascal's identity

### Problems to be graded

§6.4: 15, 20, 21, 29, 33

§6.5: 8, 14, 20, 31, 44, 45, 55

### Practice problems

§6.4: 12, 17, 22, 25, 31

§6.5: 1–5, 7, 9, 16 (a,b,c), 17, 18, 27, 34, 35, 40, 54, 57