

# PSET 13

## Problem 1

(a) Higher temperature

(b) Thermoplastic

$$(c) \quad n = \frac{\text{MW polymer}}{\text{MW monomer}} = \frac{3.091 \cdot 10^5}{56} = 5520$$

problem 2

(a) option 2

### Problem 3

(a) Add: Stiff

(b) Addition polymerization

## Problem 4

(A): (a): Branched

(b): Linear

(c): Branched