

**CE 201 (091)**  
**Sections 3 & 4**  
**Final Answers for HW # 2**

- 1) a-  $F = 117.7$  OR  $122.9$   
b- Angles =  $70$  and/or  $35.5$  and/or  $62$  and/or  $75$
- 2)  $R = 300$  OR  $258.9$  OR  $233.7$
- 3)  $F_{AC} = 1.769$  OR  $1.117$   
 $F_{AD} = 0.9098$  OR  $1.237$
- 4)  $\theta = +/- 75.0$  OR  $64.5$
- 5)  $F_{Par} = 17.2$  OR  $20.4$  OR ??  
 $F_{nor} = 45.7$  OR  $36.1$