

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

1)	$T \approx 117$	OR	200
	$\alpha \approx 6.44$	OR	21.5
2)	a- $F_3 \approx 50$	OR	122
	b- $\alpha \approx 60$	OR	21.5
3)	$F = T \approx 176$	OR	150
4)	$m \approx 7.50$	OR	4.45
5)	$T_{AB} \approx 0.780$	OR	0.820
	$T_{AC} \approx 0.907$	OR	0.852
	$T_{AD} \approx 0.798$	OR	0.845