

**CE 201 (091)**  
**Sections 3 & 4**  
**Final Answers for HW # 6**

1) *yes OR no*

2) *yes OR no*

3) a-  $F = 680$  OR  $540$   
 $y \approx 1.345$  OR  $0.0588$   
(*up or down*)

b-  $F \approx 165.7$  OR  $188.2$

4)  $W \approx -330$  OR  $-1178$   
 $x \approx 2.559$  OR  $2.122$

5)  $R \approx 576.6$  OR  $680.1$   
 $\theta \approx 30.57$  OR  $47.48$   
 $M \approx 1349$  OR  $2800$