

CE 203-3 [072]

H.W. # 11 Final Answers




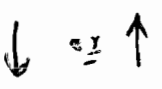
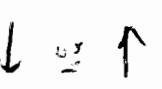
1)  $\sigma = 1.5$ , or  $1.6$   
 $\gamma = 23.81$  or  $21.33$

2)  $F_{max} = 79.35$  or  $168.8$

3)  $\sigma_{max}^T = 0.8913$  or  $1.234$  @ ?  
 $\sigma_{max}^C = 0.6366$  or  $0.9876$  @ ?  
 $\gamma_{max} = 0.57\dots$  or  $0.789\dots$  @ ?

4)  $\sigma_{max}^T = 23,561$  or  $45,678$  @ ?  
 $\sigma_{max}^C = 56,789$  or  $23,311$  @ ?

5)

point	$\sigma$	$\gamma$
A	377.59 T or C	131.2 
B	313.59 T or C	156.8 
C	32 T or C	23.08 
D	582.38 T or C	124.8 
E	646.38 T or C	163.2 

In each, the above value or ?!