4/2b/21 ME 201 HO1.3 Sea Hoamon

1.

$$g = 490$$
 $f_{B} = 430N$ 
 $f_{B} = 575N$ 
 $f_{A} = 425N$ 
 $f_{C} = f_{C} \cos(f_{D} - 4) = 360 N$ 
 $f_{C} = f_{C} \sin(f_{D} - 4) = 270N$ 
 $f_{B} = f_{B} \cos(f_{D} - 4) = 440.48 N$ 
 $f_{B} = f_{B} \sin(f_{D} - 369.60 N)$ 
 $f_{A} = f_{A} = 425N$ 
 $f_{A} = f_{A} = 425N$ 
 $f_{A} = f_{B} \sin(f_{D} - 369.60 N)$ 
 $f_{A} = f_{A} = 425N$ 
 $f_{C} = f_{C} \sin(f_{D} - 4) = 460$ 
 $f_{C} = f_{C} \sin(f_{D} - 4) = 4$