

Problem 1

	A	B	C	D	E	F	G
1	$f_m =$	1500	psi				
2	$E_m =$	1350	Ksi				
3	$t =$	5.625	in				
4	$h =$	7.625	in				
5	$d =$	4.375	in				
6	$E_s =$	29000	Ksi				
7	$f_y =$	60	Ksi				
8	$F_s =$	32	Ksi				
9	$A_s =$	0.2	in ²				
10	$d_b =$	0.5	in				
11	$\eta =$	21.4815					
12	$\rho =$	0.008127					
13	$k =$	0.441568					
14	$j =$	0.852811					
15	$F_b =$	675.	psi				
16	$M_m =$	13.6837	K-in				
17	$M_s =$	23.8787	K-in				
18	$M_r =$	13.6837	K-in				
19							
20							
21							
22							