

ASTR 400B  
 Home Work 3  
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Galaxy Name	Halo Mass ( $10^{12} M_{\odot}$ )	Disk Mass ( $10^{12} M_{\odot}$ )	Bulge Mass ( $10^{12} M_{\odot}$ )	Total ( $10^{12} M_{\odot}$ )	$f_{bar}$
MW	1.97	0.075	0.01	2.06	0.041
M31	1.921	0.12	0.019	2.06	0.046
M33	0.187	0.009	-	0.196	0.045

*Figure 1 : Table of Mass Break Down of the Local Group*

$f_{bar}$  for local group = 0.097