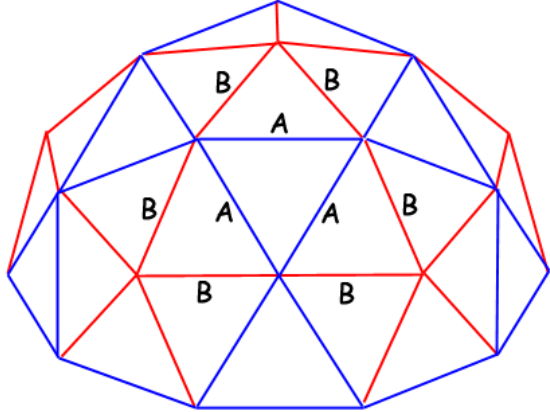


Dome Math							
							
	in	ft					
Radius	100.75	8.40	Hub correction	2.28			
Strut Length A	59.99	5.00	Strut Factor A	0.61803			
Strut Length B	52.78	4.40	Strut Factor B	0.54653			
A + B	112.77	9.40					
Hub-Hub A	62.27	5.19	Struts A	35			
Hub-Hub B	55.06	4.59	Struts B	30			
Pipe A	2099.53	174.96	Possible Radii	Reason	10ft Pipes	Cuts	
Pipe B	1583.49	131.96	100.75	A = 5ft	33	33	
Total	3683.02	306.92	107.96	A + B = 10ft	35	35	
Height AAA	53.92	4.49					
Height ABB	45.42	3.78	AB angle	55.57			
			BB angle	68.86			
Surface Area	127555.73	885.80					
Floor Area	31888.93	221.45					
Hex panel height	107.85	8.99					
Hex panel width	110.13	9.18					