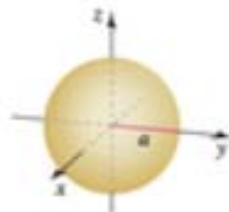
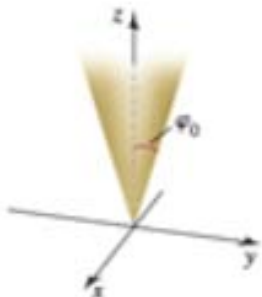

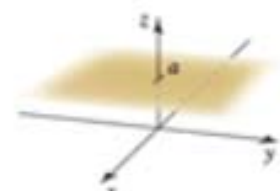



Table 13.5

Name	Description	Example
Sphere, radius a , center $(0, 0, 0)$	$\{(\rho, \phi, \theta) : \rho = a\}, a > 0$	
Cone	$\{(\rho, \phi, \theta) : \phi = \phi_0\}, \phi_0 \neq 0, \pi/2, \pi$	
Vertical half plane	$\{(\rho, \phi, \theta) : \theta = \theta_0\}$	
Horizontal plane, $z = a$	$\{(\rho, \phi, \theta) : \rho = a \sec \phi, 0 \leq \phi < \pi/2\}$	
Cylinder, radius $a > 0$	$\{(\rho, \phi, \theta) : \rho = a \csc \phi, 0 < \phi < \pi\}$	
Sphere, radius $a > 0$, center $(0, 0, a)$	$\{(\rho, \phi, \theta) : \rho = 2a \cos \phi, 0 \leq \phi \leq \pi/2\}$	