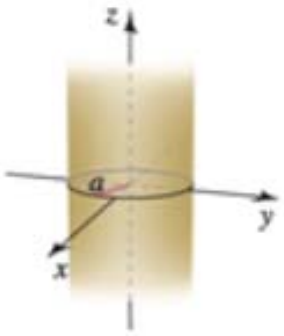
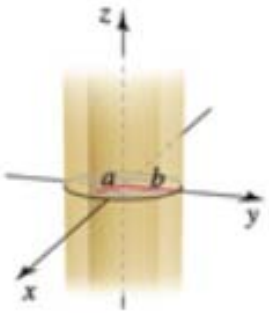
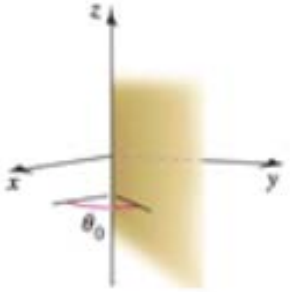
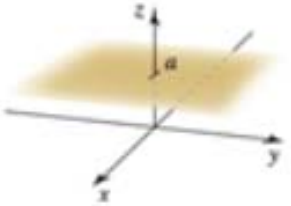
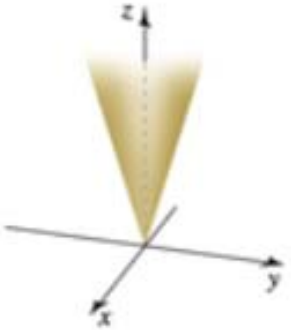
Table 13.4

Names	Description	Example
Cylinder	$\{(r, \theta, z) : r = a\},\ a > 0$	
Cylindrical shell	$\{(r, \theta, z) : 0 < a \le r \le b\}$	
Vertical half plane	$\{(r, \theta, z) : \theta = \theta_0\}$	
Horizontal plane	$\{(r, \theta, z) : z = a\}$	
Cone	$\{(r, \theta, z) : z = ar\},\ a \neq 0$