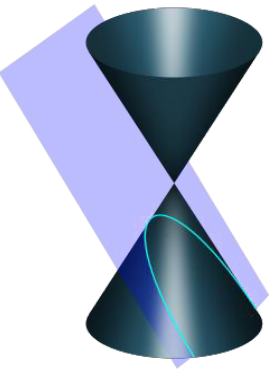
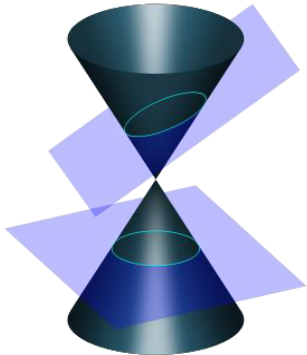


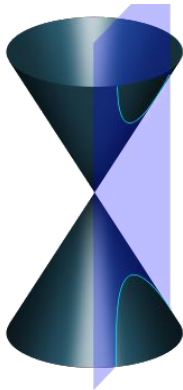
Parabola



Ellipsoid



Hyperbola



$$B^2 - AC = 0$$

$$B^2 - AC < 0$$

$$B^2 - AC > 0$$