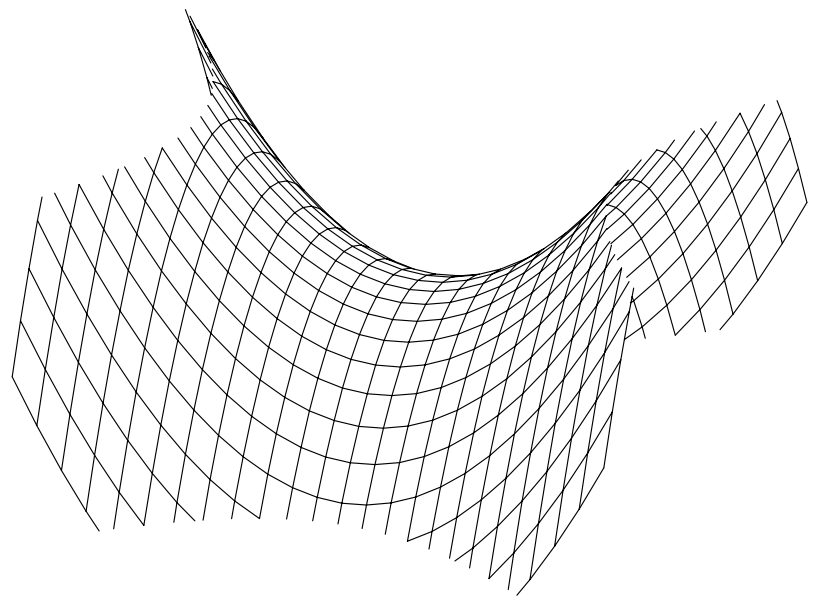
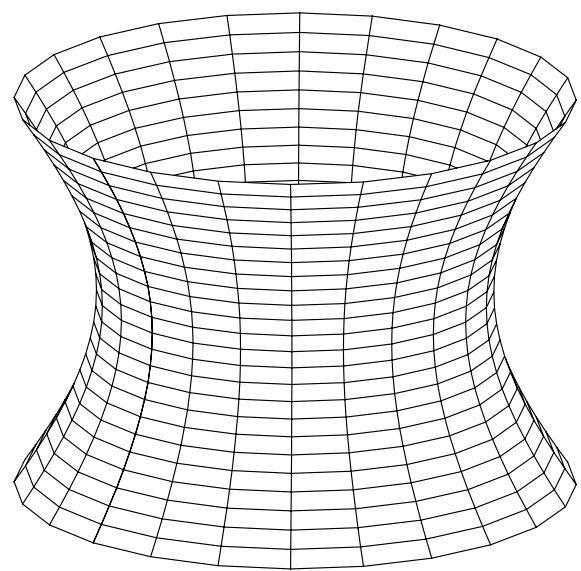
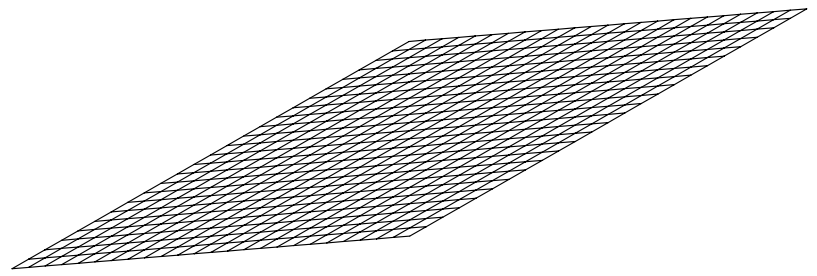
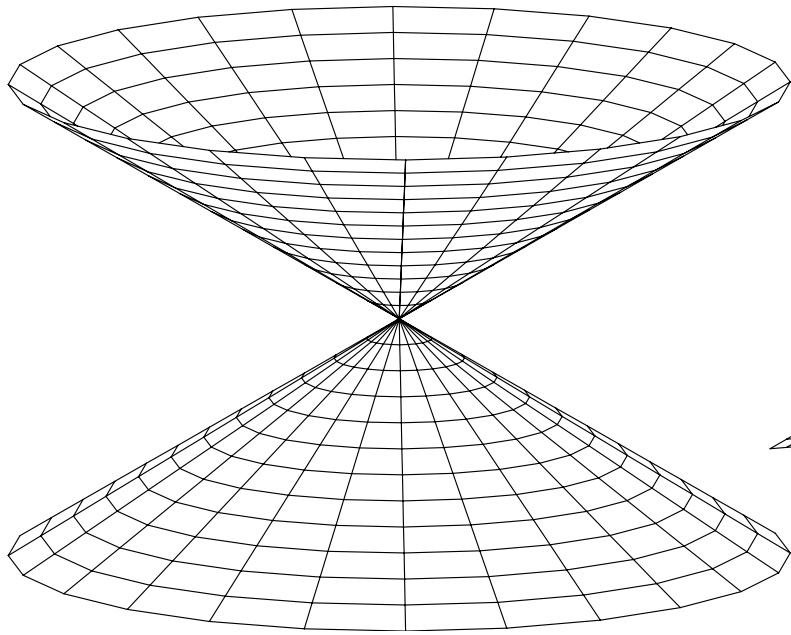


Name that surface



Answers: upper left is a cone, upper right is a plane, lower left is a hyperboloid of one sheet and lower right is a saddle or a hyperbolic paraboloid.