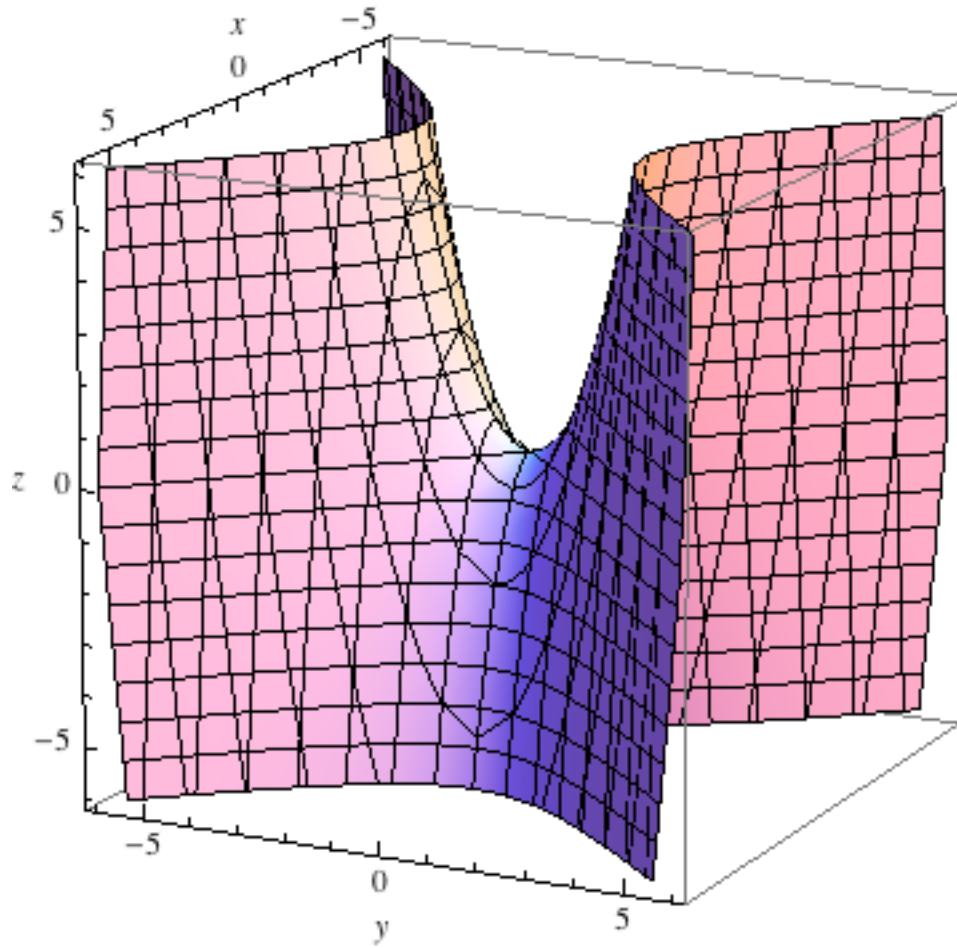
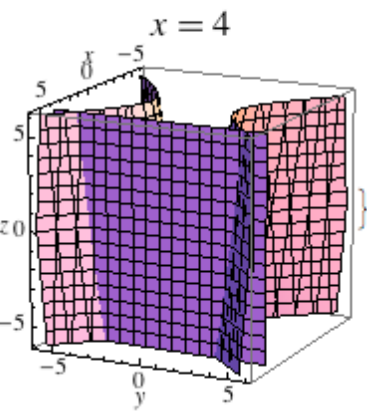
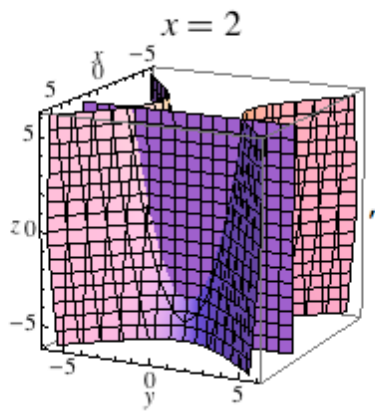
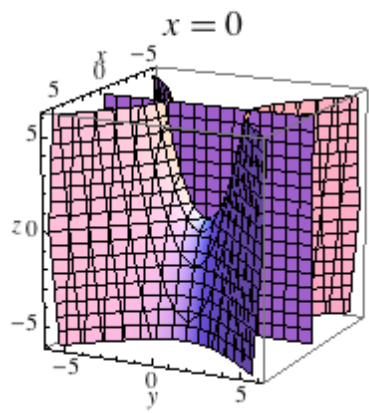
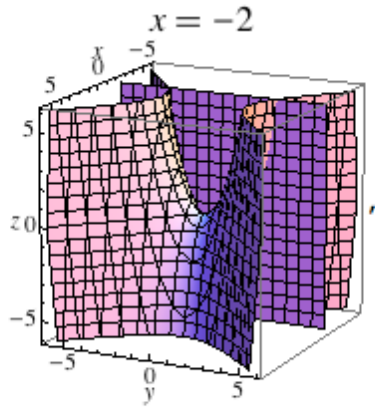
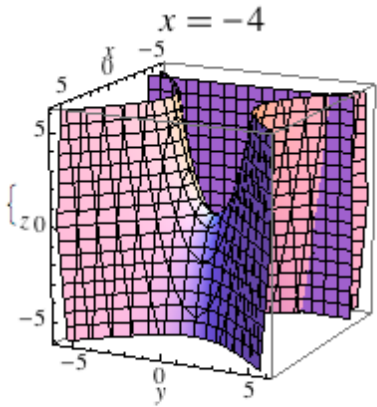


$$z = y^2 - x^2$$

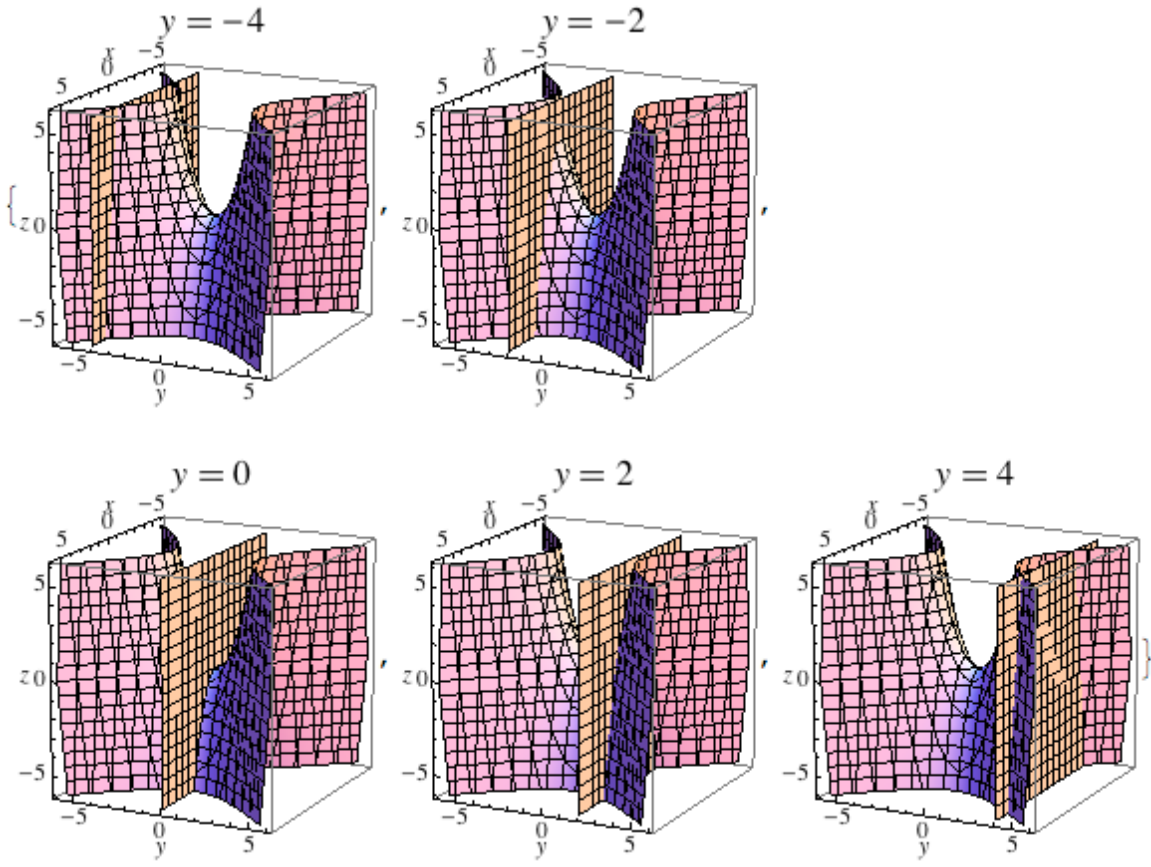
A Hyperbolic Paraboloid (“Saddle”)



Traces in $x = k$ (Parabola class):



Traces in $y = k$ (Parabola class):



Traces in $z = k$ (Hyperbola class):

