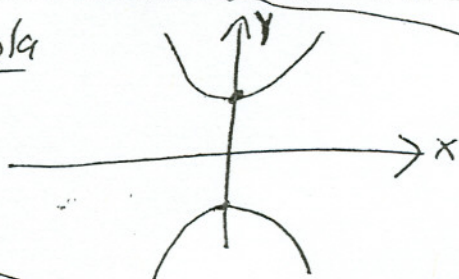


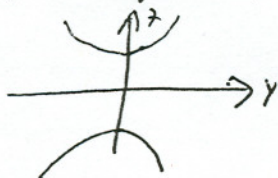
3. Graph and name $y^2 - x^2 = 1$ in 2-space.

hyperbola

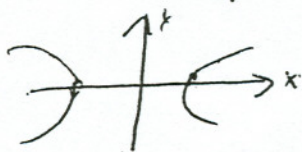


4. Graph and name $\frac{z^2}{16} - \frac{y^2}{9} + \frac{x^2}{25} = 1$ in 3-space.

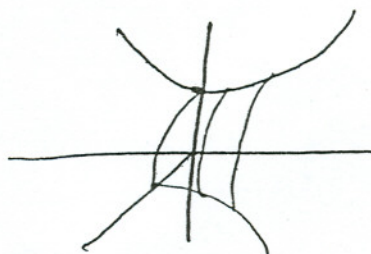
When $x=0$ the graph is a hyperbola



when $z=0$ the graph is a hyperbola



when $y=0$ the graph is an ellipse



The graph is a hyperboloid of one sheet

