	Please PRINT your name
No calculators, cell phones, computers, notes, etc.	
Circle your answer.	Make your work correct, complete and coherent.
Please take a picture of your quiz (for your records) just before you turn the quiz in. I will e-mail your grade and my comments to you. I will return your quiz when I next see you.	
The quiz is worth 5 points. The solutions will be posted on my website later today.	
Quiz 3, September 25, 2024	

Describe, graph, and name the graph of  $y^2 - x^2 - z^2 = 1$  in 3-space.

When X=0 the eggstion becomes y2- Z2=1 which is a hyperbola

When Z=0 the eggation becomes Y2-X2=1 which also is a hyperbola

There is no graph box -1<9<1

The y=1 or-1 the glaph is one point

If y=c with C<-1 or 1<< they they they find a circle

Hyperbolaid of 2 sheets Draw a hyperbola with Vertices (1,2) = (1,0) and (1,2)=(-1,0) in the Yzplane. Now botate the Picture around the y-qxis.