| Name | Formula | Graph | Things to Notice |
| :---: | :---: | :---: | :---: |
| Ellipsoid |  |  |  |
|  |  |  |  |
| Hyperboloid |  |  |  |
| (One Sheet) |  |  |  |
| Cones |  |  |  |
| Hyperboloid <br> (Two <br> Sheets) |  |  |  |


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