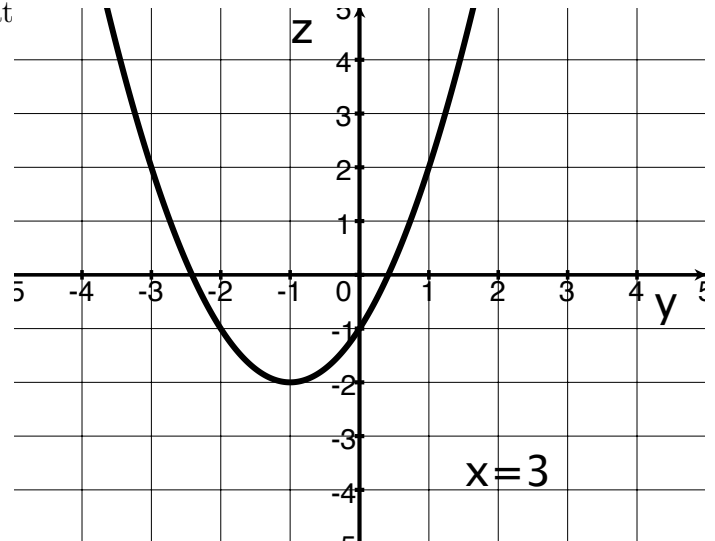


Parametric Equations 3D

While working in a group make sure you:

- Expect to make mistakes but be sure to reflect/learn from them!
- Are civil and are aware of your impact on others.
- Assume and engage with the strongest argument while assuming best intent.

1. Find a set of parametric equations that represents the graph to the right.
Note that the graph is given parallel to the yz plane when $x = 3$.



2. Find a function to describe the intersection of the surface $\frac{x^2}{12} + \frac{y^2}{24} + \frac{z^2}{4} = 1$ and the parabolic cylinder $y = x^2$.