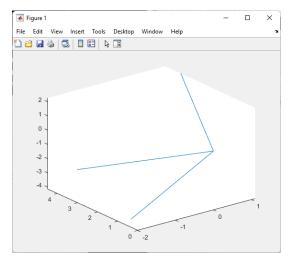
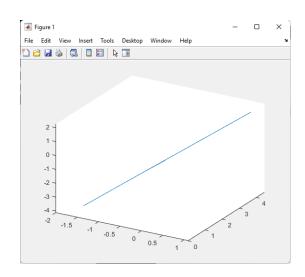
1.

a)





b)

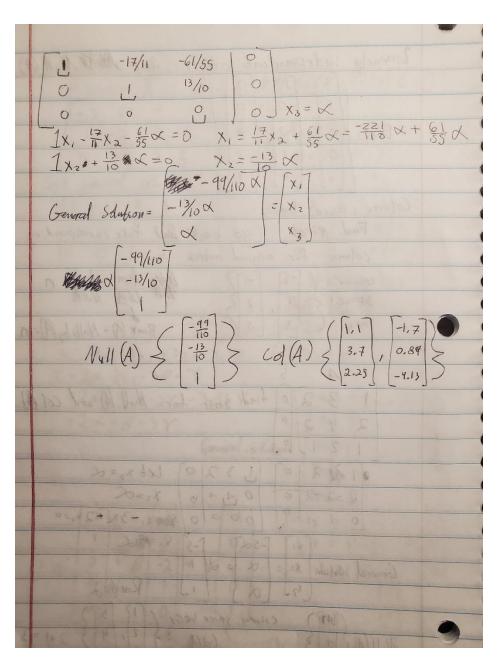
set up an augmented matrix and row-reduce to find pivot points

Aug =

After reducing:

This proves x₃ is a free variable

c)



2.

