

Question 1

Now I have access to all my variables in `code.jl`, where I put mostly my functions and other stuff. The actual variables for this questions goes anywhere here. At the end,

$$PV = nRT \iff V = \frac{nRT}{P} \implies V = 24.78 \text{ L} .$$

Question 2

We have 38 g of N₂. Considering the ideal behavior, the volume is, at 173.15 K,

$$PV = nRT \iff V = \frac{nRT}{P} \implies V = 19.27 \text{ L} .$$