## Reading 2/13 Solutions

$$N_{a} = 1 - \frac{607}{1007} = 0.40$$

$$N_{b} = 1 - \frac{160}{700} = 0.20$$

$$\left[\frac{d}{d} > (a=b) > C\right]$$

$$\mu_{c} = 1 - \frac{60}{90} = 0.33$$

$$n_d = 1 - \frac{40}{90} = 0.56$$

refrigerator : Qc>0 is the heat extracted from the cold reservoir