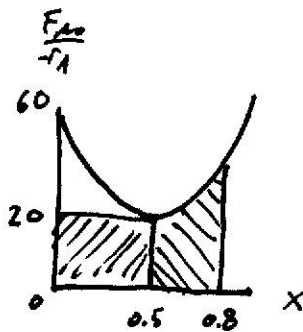


P2-10

(a) CSTR  $\rightarrow$  PBR

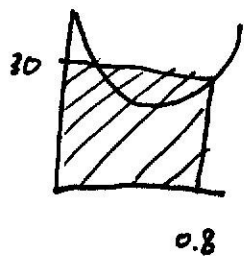
$$W_{PBR} = W_{CSTR} \approx 20 \text{ kg}$$

$$W_{\text{total}} \approx 40 \text{ kg}$$



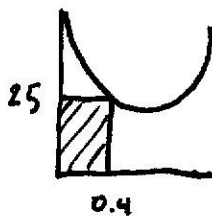
$$F_{A0} = 2 \frac{\text{mol}}{\text{s}}$$

(b)



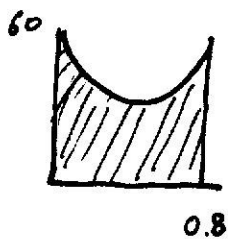
$$W_{CSTR} \approx 48 \text{ kg}$$

(c)



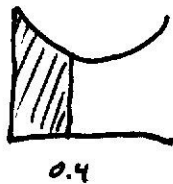
$$W_{CSTR} \approx 20 \text{ kg}$$

(d)



$$W_{PBR} \approx 64 \text{ kg}$$

(e)



$$W_{PBR} \approx 28 \text{ kg}$$

(f)

