

$$C(q) = \frac{q^2}{2}$$

$$d = 60 - p$$

$$\therefore p = 60 - q$$

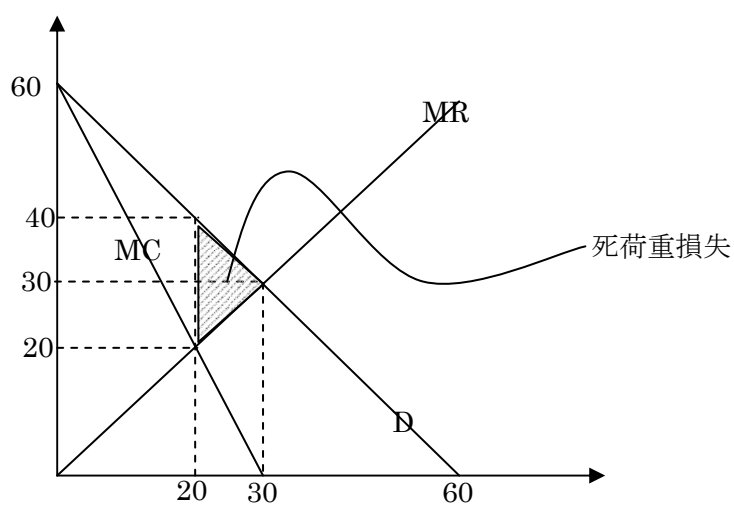
$$TR = pq \quad \text{よって} \quad TR = (60 - q)q = 60q - q^2$$

$$MR = TR' = 60 - 2q$$

$$MC = C'(q) = q$$

$$MR = MC \quad \text{より} \quad 60 - 2q = q$$

$$\therefore q = 20 \quad p = 40$$



死荷重損失は

$$DWL = 20 \times 10 \times \frac{1}{2} = 100$$