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1. $P = MC$

$\rightarrow 60 - q = 30$

$q^* = 30$

$p^* = 30$

$TR = (P \times Q) = 60q - q^2$

$q_0 = 15, p_0 = 45$

$\rightarrow CS = 15 \times (60 - 45) \times \frac{1}{2} = 112.5$

$PS = 15 \times 15 = 225$

2. $CS = 0$

$PS = 30 \times 30 \times \frac{1}{2} = 450$

總剩餘 = 450. 無謂損失 = 0

3. $CS = 0$

$PS = (30 + 60) \times 30 \times \frac{1}{2} = 1350$

總剩餘 = 1350

無謂損失 = 0