

$$1. \quad p = Mc$$

$$60 - q_f = 30$$

$$q_f^* = 30$$

$$p^* = 30$$

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

$$q_o = 15, \quad p_o = 45$$

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

$$PS = 15 \times 15 = 225$$

$$2. \quad CS = 0$$

$$PS = 30 \times 30 \times \frac{3}{2} = 450$$

總利餘: 450

無謂損失 = 0

$$3. \quad CS = 0$$

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

總利餘 = 1350

無謂損失 = 0