$$MRS\chi\gamma = \frac{2\chi\gamma}{\chi^2} = \frac{P\chi}{Py} = \frac{10}{20} \Rightarrow \chi = 4\gamma$$

$$\gamma = \frac{1}{4}\chi \ \text{th} \ ,$$

$$(0\chi + 20)(4\chi) = M$$

$$\mathbb{P}_{MRSxy} = \frac{2Y}{X} = \frac{Px}{20} \Rightarrow Y = \frac{Px}{40} X$$

$$Y = \frac{Px}{40} X \text{ ft} \lambda$$

$$Y = \frac{P_{x}}{40} \times 16 \lambda$$

$$300 = P_x \chi + 20 \left(\frac{P_x}{40} \chi \right) \Rightarrow \chi = \frac{200}{P_x}$$

由所得消費線、思格爾曲線可知 X 財貨為正常因,由需求線可知 X財貨符合需求法則