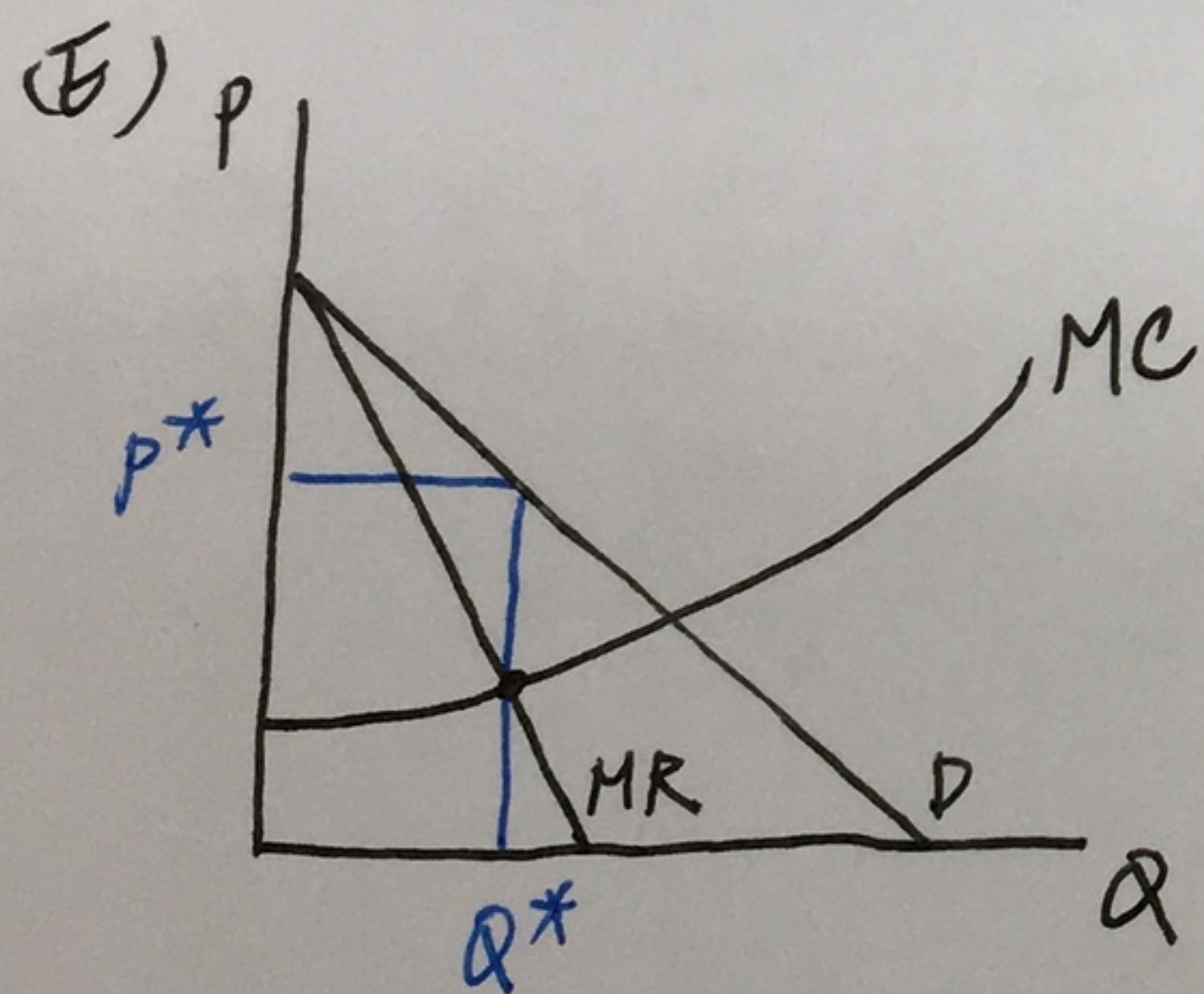
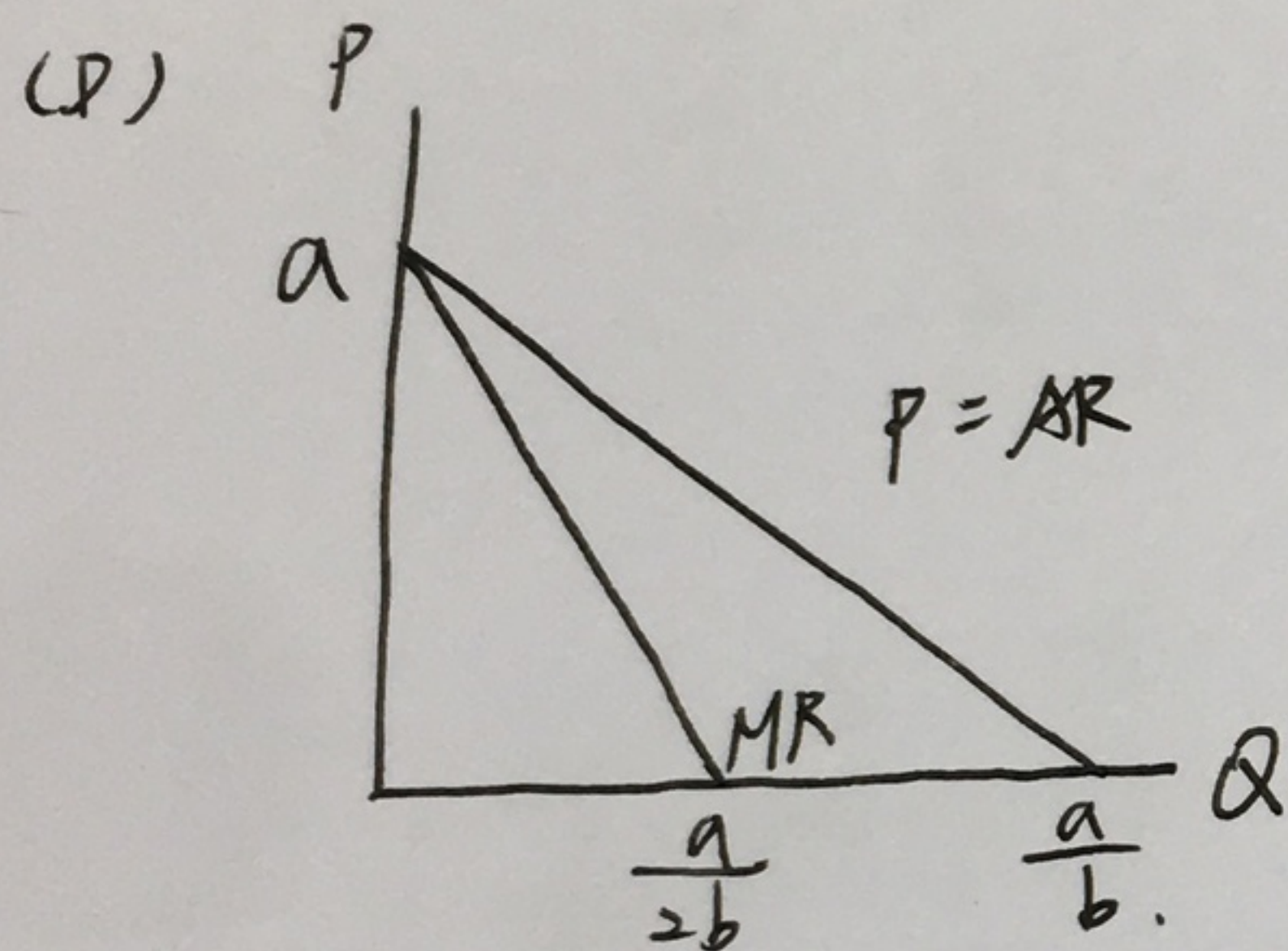


隨獨占需求線 $p = a - bQ$, $MC = C$

$$(A) TR = PQ \\ = (a - bQ) \cdot Q = aQ - bQ^2$$

$$(B) AR = \frac{TR}{Q} \\ = a - bQ$$

$$(C) MR = \frac{dTR}{dQ} \\ = a - 2bQ$$



$$(Q^*, MR = MC) \Rightarrow a - 2bQ = C \Rightarrow \frac{a - C}{2b}$$

$$P^*, D \text{ 对应 } Q^* \Rightarrow a - b\left(\frac{a - C}{2b}\right)$$