

例 1 P12

(1) $n(U) = 6$

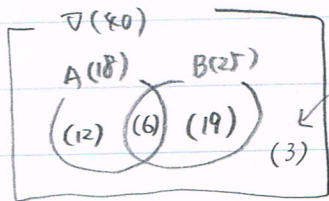
(2) $n(\bar{B}) = 3$

(3) $n(A \cap B) = 2$

(4) $n(\overline{A \cup B}) = 1$

(5) $n(A \cap \bar{B}) = 2$

例 2 P13



$$\begin{aligned} n(A \cup B) &= n(A) + n(B) - n(A \cap B) \\ &= 18 + 25 - 6 \\ &= 37 \end{aligned}$$

$$\begin{aligned} n(\overline{A \cup B}) &= n(U) - n(A \cup B) \\ &= 40 - 37 \\ &= 3 \end{aligned}$$

(1) $n(\bar{B}) = 40 - 25 = 15$

(2) $n(\overline{A \cup B}) = 3$

(3) $n(\bar{A} \cap \bar{B}) = n(\overline{A \cup B}) = 3$

↑
 $n(\bar{A} \cap \bar{B}) = n(\overline{A \cup B})$ の法則より