Asign 1. 20230232 世升是

#1

게임이 끝방에 깨의 喝起 红光製气 의 吉=6(10) 此是數章이 甘이어서)

• answer =
$$\frac{a-b}{6} \cdot 6 = a-b$$

#2

$$p = 6 \ln p + \ln(1-p)$$

 $-) \frac{1}{4} l(p) = \frac{6}{p} - \frac{1}{4-p}$ $-) \frac{1}{4} l(p) = 0 2 2 12 3 2 7 41 2 2 1-1$

$$\beta - \frac{1}{10} = 0 \Rightarrow \beta = \frac{1}{1-p} \Rightarrow 6 - 6p = p \Rightarrow p = \frac{6}{10}$$

라 l(p)의 부분 왕인 하여 p= 유일때가 되어 없인의 확인하니.

• answer :
$$p = \frac{6}{7}$$

$$P(A|B) = P(B|A) = \frac{P(A\cap B)}{P(B)} = \frac{P(A\cap B)}{P(B)} = P(A) = P(B)$$

$$P(AUB) = P(H) + P(B) - P(A \cap B) = \frac{1}{3} = 2 P(A) - P(A \cap B)$$

and
$$P(A \cap B) > 0$$
 $0.192 \Rightarrow 2P(A) > \frac{1}{3} \Rightarrow P(A) > \frac{1}{6}$

$$f(w) = \sum_{i=1}^{m} \sum_{j=1}^{n} (a_{i}^{T}w - b_{j}^{T}w)^{2} + \sum_{j=1}^{n} ||w||_{L}^{2} \qquad \frac{\partial}{\partial w} (a_{i}^{T}w - b_{j}^{T}w)^{2} = 2(a_{i} - b_{i})(a_{i}^{T}w - b_{j}^{T}w)$$

$$\Rightarrow \nabla = \sum_{i=1}^{m} \sum_{j=1}^{n} (a_{i}^{T}w - b_{i}^{T}w)^{2} = \sum_{i=1}^{m} \sum_{j=1}^{n} (a_{i}^{T}w - b_{i}^{T}w)(a_{i} - b_{i})$$

