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- 1. α . A: kejadian munculnya kartu keriting dan sekop dalam 1 kali pengambilan P(A) = 0
 - b. B: Kejadan munculnya karta kurit:ng atau sekap dalam | kati pengambilan $P(B) = \frac{13}{52} + \frac{13}{52} = \frac{1}{26} = \frac{1}{2}$
 - C. C: Kejadian munculnya kartu keriting atau wajik dalam 1 kali pengambilan $P(c) = \frac{13}{52} + \frac{13}{52} = \frac{1}{2}$
 - d. D: Kejadian munculnys kartu hat; atan wajih clalam 1 kali pengambilan $P(D) = \frac{13}{52} + \frac{13}{51} = \frac{1}{2}$
- &, P(A∩G)=0,16

$$P(B) = \frac{0.66}{P(A)}$$

$$P(A) + \frac{0, 16}{P(A)} = 0, 0$$

$$P(A) = 0, 4$$

3.
$$P(A) - 0,2$$
 $P(B) = 0,3$
 $P(A \cup B) = 0,44$
 $P(A) + P(B) - P(A \cap B) = 0,44$
 $0,2 + 0,7 - P(A \cap B) = 0,44$
 $P(A \cap B) = 0,06$ $A \otimes B$ independent
 $P(A \cap B) = 0,2.0,3 = 0,06$

4.
$$P(A) = P(B) = \rho$$
, $P(A \cup B) = 0.7$, $P(A \cap B) = 0.2$
4. $P(A \cup B) = P(A) + P(B) - P(A \cap B)$
 $0.7 = \rho + \rho - 0.2$
 $2\rho = 0.0$

5.

0 = 0,45

$$P(B) + P(C) - P(B \cap C) = 0,7$$

 $0,45 + P(C) - P(B). P(C) = 0,7$
 $0,45 + P(C) - 0,45P(C) = 0,7$

$$\rho(c) = \frac{0.25}{0.55} = 0.45$$

$$P_{s}(c_{2} \cap c_{3}) = P_{s}(c_{2}) \cdot P_{s}(c_{3}) = (1 - 0.4)(1 - 0.4) = 0,36$$

$$P_{F}(c_{1} \cap c_{2} \cap c_{3} \cap c_{4}) = P_{F}(c_{1}) \cdot P_{F}(c_{2} \cap c_{3}) \cdot P_{F}(c_{4}) = 0.1.(1 - 0.36) \cdot 0.2 = 0.0302(1 -$$

= 0,86544

$$P_{F}(C \cap D) = 0, 1.0, 1 = 0, 01$$

$$P_{S}(A \cap B) = (1-0,1)(1-0,1) = 0,9.0,9 = 0,81$$