

[illegible]

5. 解: 由题知, $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} = \frac{1}{8}$, 故 $\frac{1}{8}$ 为事件 A 的概率.
6. 解: 由题知, 事件 A 为“甲、乙、丙三人中至少有一人及格”, 事件 B 为“甲、乙、丙三人中至多有一人及格”, 则 $P(A) = 1 - P(\bar{A}) = 1 - \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} = \frac{7}{8}$, $P(B) = \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} + \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} + \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} + \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} = \frac{3}{8}$.
7. 解: 由题知, 事件 A 为“甲、乙、丙三人中至少有一人及格”, 事件 B 为“甲、乙、丙三人中至多有一人及格”, 则 $P(A) = 1 - P(\bar{A}) = 1 - \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} = \frac{7}{8}$, $P(B) = \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} + \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} + \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} + \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} = \frac{3}{8}$.
8. 解: 由题知, 事件 A 为“甲、乙、丙三人中至少有一人及格”, 事件 B 为“甲、乙、丙三人中至多有一人及格”, 则 $P(A) = 1 - P(\bar{A}) = 1 - \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} = \frac{7}{8}$, $P(B) = \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} + \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} + \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} + \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} = \frac{3}{8}$.

VILLAGE OF THUNDERBOLT
DESIGN DEVELOPMENT

AND ALTERNATE HOLD PLAYS IN
INTERSECTIONALITY



A107

