

Michael Baron

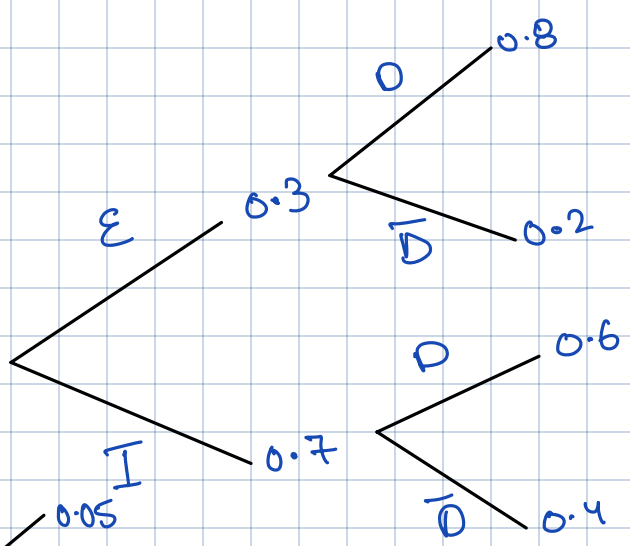
Q1. T:  $6 \times 5$

D: 2

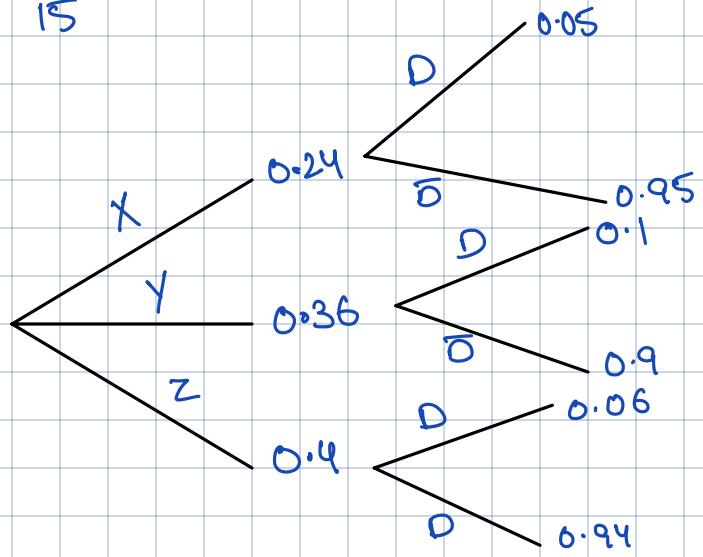
$$P(D) = \frac{2}{30}$$

$$= \frac{1}{15}$$

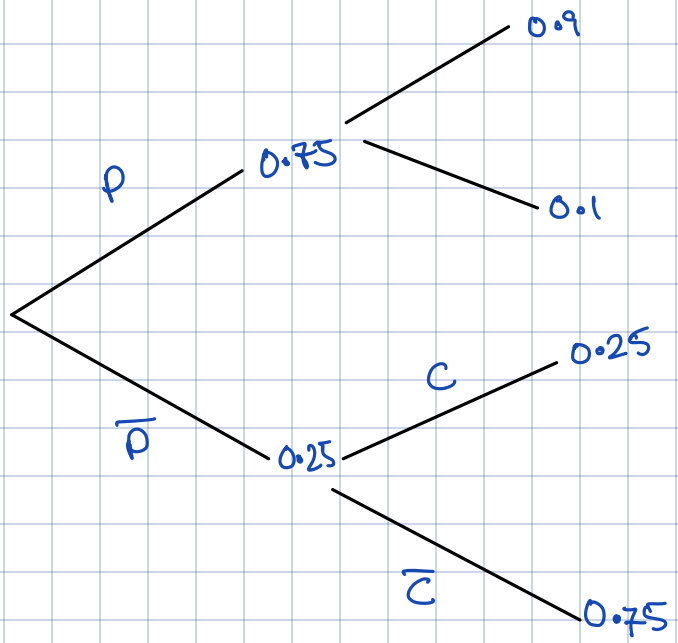
Q1.



Q17.



Q18.



2.22

0.3 fail

$$P(A \cup B \cup C \cap D \cup E) = (1 - (0.3)^3) \times (1 - (0.3)^2)$$

$$= 0.88543$$

3.37

$$(a) P(\text{Rk drawn} | \text{king is removed}) = \frac{P(\text{Rk} \cap \text{king is removed})}{P(\text{king is removed})}$$
$$=$$