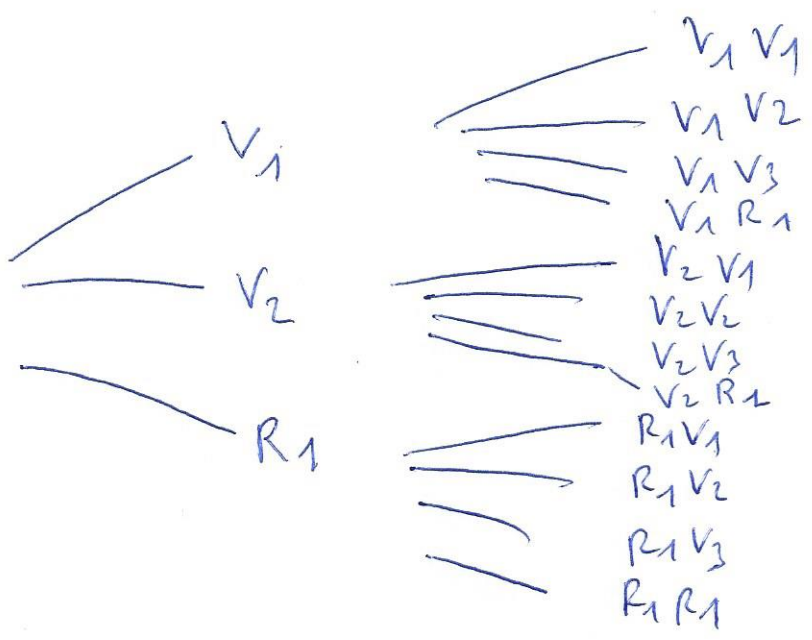


A]

1)



2) alle ergebnisse a) parte 12 issues. equiprobabels

$$P(V_2; R_1) = \frac{1}{3} \times \frac{1}{4} = \frac{1}{12}$$

B]

$$P(R) = P(R_1 R_1) = \frac{1}{12}$$

$$P(V) = P(V_1 V_1) + P(V_1 V_2) + P(V_1 V_3) + P(V_2 V_1) + P(V_2 V_2) + P(V_2 V_3)$$

$$= \frac{6}{12} = 1/2$$

$$P(A) = P(R) + P(V) = \frac{1}{12} + \frac{1}{2} = \frac{7}{12}$$

$$P(B) = P(V_1 R_1) + P(V_2 R_1) + P(R_1 V_1) + P(R_1 V_2) + P(R_1 V_3)$$

$$= \frac{5}{12}$$