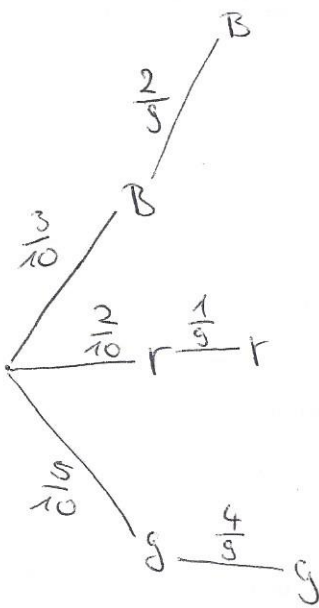


HÜ

1. a)



$$b) E_B = \{(BB)\}, E_r = \{(rr)\}, E_g = \{(gg)\}$$

$$E_{Ges} = \{(BB)(rr)(gg)\}$$

$$c) P_{Ges}^{(H)} = \frac{3}{10} \cdot \frac{2}{3} + \frac{1}{5} \cdot \frac{1}{3} + \frac{1}{2} \cdot \frac{4}{5} = \frac{1}{15} + \frac{1}{45} + \frac{2}{9} = 31,11\%$$