



$$a) E = \{AA, VV, RR, AV, AR, VR\}$$

$$b) P(AA \cup VV \cup RR) = \overbrace{\frac{2}{10} \cdot \frac{1}{9}}^A + \overbrace{\frac{5}{10} \cdot \frac{4}{9}}^V + \overbrace{\frac{3}{10} \cdot \frac{2}{9}}^R =$$

$$= \underline{0'3111} \quad \bullet \text{PROBABILIDAD LÁPICES MISMO COLOR}$$

$$c) P(AV \cup AR \cup VR) = 1 - P(AA \cup VV \cup RR) =$$

$$1 - 0'3111 = \underline{0'6889} \quad \bullet \text{PROBABILIDAD LÁPICES DISTINTO COLOR}$$