Corrigé du livre

P. 90 (#2)

a) $4/15$

b) $2/15$

c) $P(R) + P(V) = \frac{4}{15} + \frac{2}{15} = \frac{6}{15} = \frac{2}{5}$

d) $P(V) \cdot P(R) = \frac{2}{15} \times \frac{4}{15} = \frac{8}{225}$

e) $P(V) \cdot P(R) = \frac{2}{15} \times \frac{4}{14} = \frac{8}{210} = \frac{4}{105}$

(#3) a) $7/16$

b) $2/16 = 1/8$

c) $P(B.C) + P(8) = \frac{7}{16} + \frac{1}{16} = \frac{8}{16} = \frac{1}{2}$

d) $P(R) + P(N) = \frac{2}{16} + \frac{1}{16} = \frac{3}{16}$

e) $P(J) + P(V) + P(M) = \frac{2}{16} + \frac{2}{16} + \frac{2}{16} = \frac{6}{16} = \frac{3}{8}$

(#5)

Rouges Blanches Bleues

a) $\frac{10}{30} \times \frac{10}{30} \times \frac{10}{30} = \frac{1000}{27000} = \frac{1}{27}$

b) $\frac{10}{30} \times \frac{10}{30} \times \frac{10}{30} \times \frac{10}{30} = \frac{10000}{810000} = \frac{1}{81}$

c) $\frac{3}{30} \times \frac{3}{30} \times \frac{3}{30} \times \frac{3}{30} = \frac{81}{810000} = \frac{1}{10000}$

d) $\frac{3}{30} \times \frac{1}{30} \times \frac{1}{30} \times \frac{1}{30} = \frac{3}{810000} = \frac{1}{270000}$

e) $\frac{1}{30} \times \frac{1}{30} \times \frac{1}{30} \times \frac{1}{30} = \frac{1}{810000}$