Vraag 1

Z = som max clique = 8

$P(X_5=R|E_1) = \frac{1}{8} * 1 * 2 * 1 * 1 = \frac{1}{4}$

$P(X_5=G|E_1) = \frac{1}{8} * 2 * 1 * 1 * 1 = \frac{1}{4}$

$P(X_5=B|E_1) = \frac{1}{8} * 1 * 1 * 2 * 2 = \frac{1}{2}$

Vraag 2

Z = som max clique = 4

$P(X_1=R|E_2) = \frac{1}{4} * (2 * 1 + 2 * 0.5) = \frac{3}{4}$

$P(X_1=G|E_2) = \frac{1}{4} * (2 * 0.5) = \frac{1}{4}$

$P(X_1=B|E_2) = 0$