2) a)
$$\frac{V | P(A=|V) | P(K=|V) | P(L=|V) | P(V=|V)}{0 | \frac{2}{6} | \frac{3}{6} | \frac{2}{6} | \frac{1}{2} |$$

$$\frac{1}{6} | \frac{4}{6} | \frac{5}{6} | \frac{3}{6} | \frac{2}{2} |$$

b) 
$$P(U=1|A=0, K=1, L=0)$$
  
=  $P(V=1, A=0, K=1, L=0)$ 

$$= \frac{P(V-1, A=0, K=1, L=0)}{P(A=0, K=1, L=0)}$$

$$= \frac{1}{2} (1 - \frac{4}{6}) \frac{5}{6} (1 - \frac{2}{6}) = \frac{5}{54}$$

$$P(A = 0, |K=1, L=0) = P(A=0, K=1, L=0)$$