



(0,w): {0, 1, 2, 3} drop 3: Q: 1
 (2,x): {0, 1, 2} 1: P: 2
 (1,x): {0, 1, 2} 2: Q: 0
 (1,y): {0, 1, 2} 2: P: 3
 (1,y): {0, 1, 2, 3} Finish

(a,w): {~~0~~, 1, 2, 3} drop 0: from P: pickup 3
 (b,w): {1, 2, 3} drop 3: from Q: pickup 1
 (b,z): {1, 2, 3} drop 1: from P: pickup 2
 (c,z): {1, 2, 3} drop 2: from Q: pickup 0
 (c,y): {0, 1, 2, 3} Finish

Eq: $\left\langle \begin{pmatrix} 1 \\ 2 \end{pmatrix}, \begin{pmatrix} 1 \\ 2 \end{pmatrix}, \begin{pmatrix} 1 \\ 2 \end{pmatrix} \right\rangle$