to move

A   (1, 2, 6)

B   (1, 2, 6)   (0, 5, 2)

C   (1, 2, 6) **X**   (6, 1, 2)   (0, 5, 2)   (5, 4, 5)

A

(1, 2, 6) (4, 2, 3) (6, 1, 2) (7, 4, 1) (5, 1, 1) (0, 5, 2) (7, 7, 1) (5, 4, 5)