Example 4

Player 1

L   R   A

Player 2 [p] - - - - - - - - [1-p]

L'   R'   L'   R'

0
0

1   -1   -1   1
-1   1   1   -1
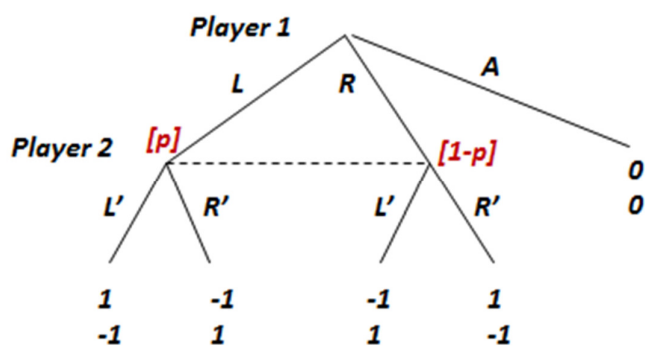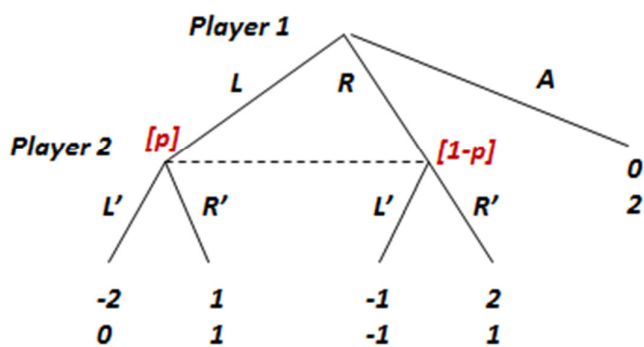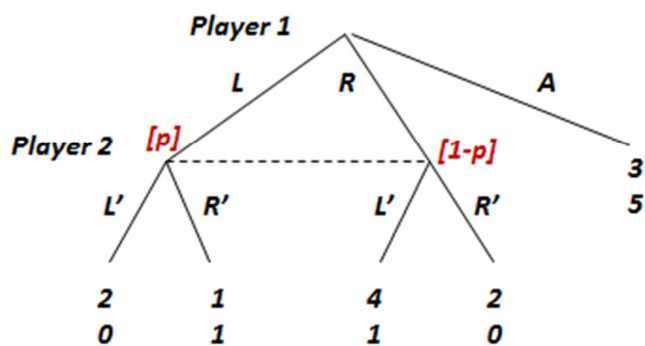
Try to check if the following strategy profiles are PBE

1) $s_1 = \left(\frac{1}{2}, \frac{1}{2}, \frac{1}{2}\right)$ $s_2 = \left(\frac{1}{2}, \frac{1}{2}\right)$

2) $s_1 = (0, 0, 1)$ $s_2 = \left(\frac{1}{2}, \frac{1}{2}\right)$

Example 5

Player 1

L   R   A

Player 2 [p] - - - - - - - - [1-p]

L'   R'   L'   R'

0
2

-2   1   -1   2
0   1   -1   1

Find all Nash equilibria and check they are PBE

Example 6

Player 1

L   R   A

Player 2 [p] - - - - - - - - [1-p]

L'   R'   L'   R'

3
5

2   1   4   2
0   1   1   0

Find all Nash equilibria and check they are PBE