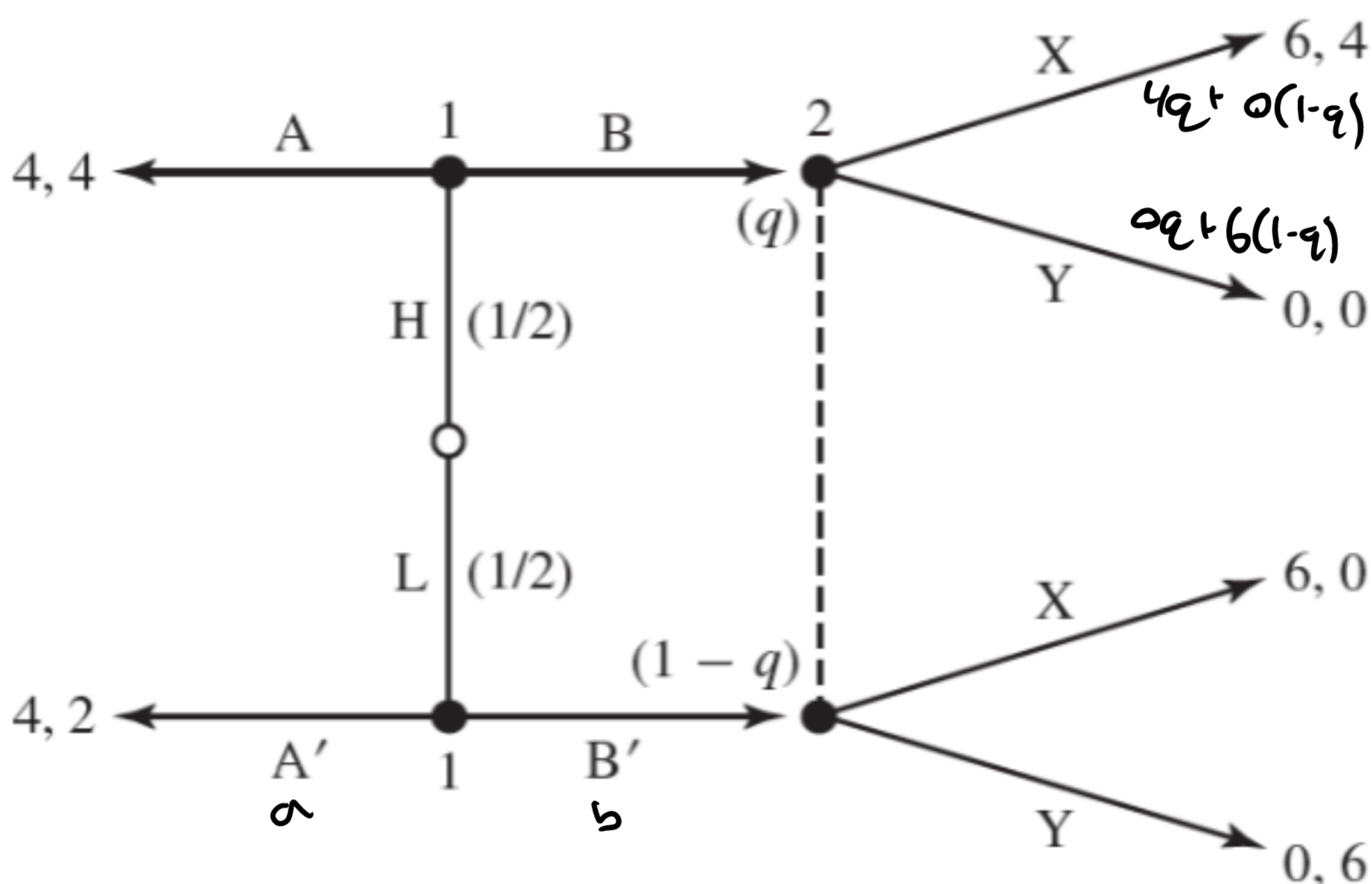


28.2. (Modified) Consider the following game:



a) Construct the normal form.

1 \ 2	X	Y
A	4, 3	4, 3
A'	5, 2	2, 5
B	5, 3	2, 1
B'	6, 2	0, 3

b) Find the PBE.

$$P(B) = 0 \rightarrow \text{No B in eq}$$

$$q =$$

$$6 - 6q \geq 4q \rightarrow q \leq 3/5$$

c) Instead of $p=1/2$, characterize the PBE for all values of p .

p high, q low

$$B, X \quad q =$$

d) Suppose $p=1/2$ but the payoff for player 1 for $B'X$ is $6-x$. Characterize the PBE.

$$x > 2$$

$$B, X \quad q = 1$$