

Name: _____ Demetrius Johnson _____ 4-6-21 _____

No calculators are allowed. Show your work. The points for each problem are indicated. Problems with incomplete work may receive partial, or no credit.

COs: [No direct COs]

Points: _____ / 10

1. The following are **clear equilibrium strategies** for you and your opponent. Find the pairs of choices (yours, opponents), e.g., (a, x), (b, y), etc. (you don't need mini-max solution for this – the choice should be obvious given your goals and your opponents' goals, and that you are both rational.)

a.

		Opponent	
		x	y
You	a	3	6
	b	9	12

Dominating row

The Nash Equilibrium for this scenario is (b, y)

b.

		Opponent	
		x	y
You	a	10	15
	b	4	2

Dominating row

The Nash Equilibrium is (a, y) , assuming I pick the rational row (a), the opponent will select column (y)