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.)

|  |  |  |  |
| --- | --- | --- | --- |
|  | Opponent | | |
| You |  | x | y |
| a | 3 | 6 |
| b | 9 | 12 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Opponent | | |
|  |  | | |
| You |  | x | y |
| a | 10 | 15 |
| b | 4 | 2 |