

NFL Fantasy Free Agents

In a fantasy football league, six high-performing players are free agents and are being competed over by four team owners. The teams decide to work together for optimal happiness, hoping to improve against other teams in the league. The players and the salaries each team is willing to pay are given in the following table.

	Players					
	T. Gurley	R. Gronkowski	O. Beckham	A. Brown	K. Hunt	D. Watson
Game of Jones	5,500	8,000	4,000	6,000	6,500	9,500
Le'Veon la Vida Loca	7,500	6,000	3,000	9,000	8,500	4,500
The Walking Dez	9,000	4,000	4,500	4,000	8,000	7,000
Yo Belichick Yo Self	5,500	9,000	5,000	4,500	7,500	9,000

- (1) Use the sealed bid method to allocate these six players. Determine which team gets each player and calculate each team's net payout or compensation.

Before the bids are placed Le'Veon la Vida Loca worries that she will not have enough cash to cover her bids, so she makes some changes.

	T. Gurley	R. Gronkowski	O. Beckham	A. Brown	K. Hunt	D. Watson
Le'Veon la Vida Loca	7,000	5,500	3,000	9,000	7,500	4,500

- (2) Use the sealed bid method to allocate the players and calculate each team's net payout or compensation.
- (3) What if we switch to the player's perspective? Suppose the players bid salaries that they would be willing to earn from each team. Could you use a fair division method to allocate each player to a team he would be content to play for? Explain.