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Two prominent fruit vendors, Bob and Alice, compete for customers at a marketplace. Bob and Alice must simultaneously choose to sell only one type of fruit. Both can sell apples, bananas, and oranges and want to maximize their profit, but they are affected by the other’s decision. Below is the payoff matrix outlining the potential outcomes for each player based on their strategic choices. What is the difference between Bob’s payoff and Alice’s payoff?

|  |  |  |  |
| --- | --- | --- | --- |
| Game table | Alice (apples) | Alice (bananas) | Alice (oranges) |
| Bob (apples) | -3 | -2 | 6 |
| Bob (bananas) | 2 | 0 | 2 |
| Bob (oranges) | 5 | -2 | -4 |

**Solution**

**Answer**

**A qr code on a white background

Description automatically generated**

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