

### **BANZHAF POWER DISTRIBUTION**

Focused on *Critical Players*, we find how powerful a player is by comparing the number of times that they are critical to the number of times that everyone is critical.

1. Find the Banzhaf Power Distribution: [18 : 11, 9, 7, 2]

### **SHAPLEY-SHUBIK POWER DISTRIBUTION**

Focused on *Pivotal Players*, we find how powerful a player is by comparing the number of times that they are pivotal to the number of times that everyone is pivotal.

2. Find the Shapley-Shubik Power Distribution: [18 : 11, 9, 7, 2]

3. What are some similarities between Banzhaf and Shapley-Shubik?

4. What are some differences between Banzhaf and Shapley-Shubik?

## **BANZHAF POWER DISTRIBUTION**

Describe this method.

3. Find the Banzhaf Power Distribution: [23 : 17, 15, 6, 3]

## **SHAPLEY-SHUBIK POWER DISTRIBUTION**

Describe this method.

4. Find the Shapley-Shubik Power Distribution: [23 : 17, 15, 6, 3]