

Game Show: Friend or Foe



Picture source: Logo of *Friend or Foe?* Copyright Game Show Network

Contestants select whether he/she is a friend or a foe.

- If both choose friend, 50/50 split
- If both choose foe neither gets any money
- If one chooses friend and the other foe, then foe receives the entire trust fund and friend receives zero

	Contestant 1: Friend	Contestant 1: Foe	Contestant 2: Friend	Contestant 2: Foe
Contestant 1: Friend	\$7500//	\$7500	0//	\$15000
Contestant 1: Foe	\$15000//	0	0//	0

Activity from an article by William Butterworth and Paul Coe



David Blackwell and Game Theory Controversy



Picture courtesy of David Blackwell

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David Blackwell and Game Theory Controversy



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Basically, I'm not interested in doing research and I never have been... I'm interested in understanding, which is quite a different thing... In fact, the situation with the Soviet Union has elements like this in it. To cooperate is to disarm and to double-cross is to re-arm with bigger and bigger weapons... So, when I saw that this led to an armaments race, so to speak, I realized I was not the one to come up with a satisfactory theory.. [Albers & Alexanderson, 1985]



Interdisciplinary Perspectives and Academic Subjects

- Cooperative/selfish strategies: Tragedy of the Commons
- Ethics of what to work on
- Militarization of mathematics
- Prisoner's Dilemma
- Decision Matrices
- Game Theory
- Economics
- Business
- Environmental studies
- Psychology
- Statistics
- Mathematics
- Sports doping