

The Lone-Chooser Method

Lecture 18
Section 3.4

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1 Examples – 3 Players, 5 Assets

2 Assignment

Outline

1 Examples – 3 Players, 5 Assets

2 Assignment

Example

Example (The Lone-Chooser Method – 4 Players, 5 Assets)

- Andy, Bob, and Chuck are dividing 5 pies: apple, blueberry, cherry, lemon, and pecan.
- Their value systems are as follows.

	Apple	Blueberry	Cherry	Lemon	Pecan
Andy	3	6	3	4	2
Bob	8	4	2	6	1
Chuck	6	4	2	4	2

- First, Andy divides into halves and Bob chooses.
- Then Andy and Bob divide into thirds and Chuck chooses.

Example

Example (The Lone-Chooser Method – 4 Players, 5 Assets)

- Bob changes his mind.
- He really doesn't want apple and he would much rather have cherry than lemon.

	Apple	Blueberry	Cherry	Lemon	Pecan
Andy	3	6	3	4	2
Bob	2	4	6	2	1
Chuck	6	4	2	4	2

- First, Andy divides into halves and Bob chooses.
- Then Andy and Bob divide into thirds and Chuck chooses.

Outline

1 Examples – 3 Players, 5 Assets

2 Assignment

Assignment

Assignment

- Same as last assignment.