

Several people jointly own some loot. They cannot agree on a single price for the loot. You say you can make it so they all get the price they want! The owners will tell you their preferred price, and you will make sure they get that price, either as a seller or a buyer. Only one person will be a buyer. He will buy the loot “from the group” at his own (full) price. Everyone (even the buyer) will be a seller. They will get paid their fair share of their own price. Also there is a (good) surprise at the end.

First version.

	Alex	Bart	Carl	Dirk	Evan
Loot:	\$100	\$120	\$80	\$140	\$60

Suppose you give Bart the loot. How much does he pay the group to get the loot? _____

How much does each person need to take from the cash?

Alex _____

Bart _____

Carl _____

Dirk _____

Evan _____

Total _____

What is the surprise? Why is it good? What should we do about it?

Second viewpoint Some people think it is silly for Bart to pay the group, and the group to pay each member of the group. Instead, they think Bart should pay each member directly.

How much does each person demand for their share?

Alex _____

Bart _____

Carl _____

Dirk _____

Evan _____

Total _____

How much does Bart pay each person for the loot?

Alex _____

Bart (the leftover) _____

Carl _____

Dirk _____

Evan _____

Total _____

How much extra does each person get this way?

Alex _____

Bart _____

Carl _____

Dirk _____

Evan _____

Total _____

	Alex	Bart	Carl	Dirk	Evan
Loot:	\$100	\$120	\$80	\$140	\$60

Who should you really give the loot to? _____

How much is he willing to pay the group for the loot? _____

How much money does the group demand for the loot? _____

How much money will be leftover? _____

How much does each person demand for their share?

Alex _____

Bart _____

Carl _____

Dirk _____

Evan _____

Total _____

How much does he pay each person for the loot?

Alex _____

Bart _____

Carl _____

Dirk _____

Evan _____

Total _____

How much extra does each person get this way?

Alex _____

Bart _____

Carl _____

Dirk _____

Evan _____

Total _____

Roommates want to fairly divide up the bills and rent. The rent is \$600 a month, and the optional bills are \$50 for internet and another \$50 for fancy TV. Not all the roommates agree the optional bills are worth the price, but they aren't dead-set against them. How can the roommates split the loot and the bill?

	Alex	Bart	Carl
Master bedroom	\$250	\$300	\$200
Window bedroom	\$200	\$150	\$250
Small bedroom	\$150	\$150	\$150
Internet	\$50	\$40	\$30
Fancy TV	\$30	\$50	\$20

Who gets which room? Master _____, Window _____, Small _____

How much should each person pay?

Alex _____, Bart _____, Carl _____

Is everyone happy? Do the bills get paid?