

## Two Qualifications

- Consumer Sovereignty

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- Are we comfortable with welfare checks being spend on drugs and alcohol?
- Do we think children know what is best for them?


## Two Qualifications

- Consumer Sovereignty
- Do we have anything to say about the right point on the contract curve?

The Utility Possibility Frontier


KENT STATE Sally's Utibledidydne Edgeworth Box

The Utility Possibility Frontier


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The Utility Possibility Frontier



## The Core and Markets

- The yellow area is the core.



## The Core and Markets

- The yellow area is the core.
- If only Harry and Sally are involved, they will sit down and simply haggle
 with each other.

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## Markets

- If Sally is told that she can buy and sell apples and bananas subject to a budget constraint

$$
\left(a_{X S}-a_{S}\right)+p_{b}\left(b_{X S}-b_{S}\right)=0
$$

she will be willing to buy and sell.

- However the price that persuaded Harry to move to Z , might or might not move her to Z.


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## The Fundamental Theorem

For any starting point there is a price $p_{b}$ which will lead both Harrv and Sallv to move to That is, there is a price that the equates supply and demand. It puts Harry and Sally on the contract curve

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## Markets

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## The Fundamental Theorem

For any starting point there is a price $p_{b}$ which will lead both Harry and Sally to move to the same point on the contract curve.

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More on the Edgeworth Box

## Summary

- Normal trading gets Pareto Optimality in distribution.

$$
M R S(\text { Harry })=M R S(\text { Sally })
$$

- More to Come


## End

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