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must charge interest

If you lend \$100 today at 10% interest

Youngest:

$$\text{\$}100 + 100(0.1) \equiv 100 + 10 \equiv \text{\$}110$$



Reward for those who give
up spending today to spend
in the future

Cost paid by those who need to spend
today but do not have the money



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Interest

Cost paid by those who need to spend
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CPI = 100
Today you
lend \$1,000