





c. Draw your budget constraint between “spending today” and “spending next year.” What is the slope? How does the slope reflect the relative price of spending today in terms of spending next year?

d. How would your budget line shift in each of the following circumstances

i. You find \$400 (that you forgot about) in your desk drawer

ii. You receive a \$500 bonus next year

iii. Under which circumstance (part i or ii), are you likely to spend more next year.

iv. The interest rate rises to 50%

- v. For an interest rate increase to 50%, show how your budget line shifts. Do you increase or decrease current spending? Do you increase or decrease future spending? Are you better off or worse off than before?
- vi. In part v, decompose the change in your consumption into a substitution effect followed by an income effect.