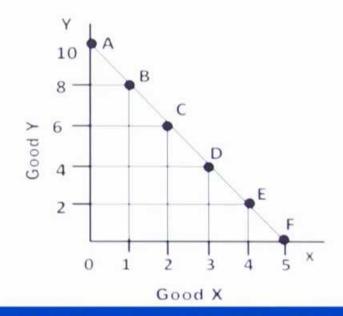
Budget Constraint (Budget Line)

Budget constraint refers to the limit on consumption combination (bundles) that a consumer can afford with his given income.

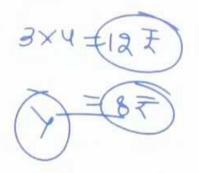
It can be explained with the help of table & diagram:

Suppose, a consumer has a budget (Income) of Rs. 20 to be spent on Good X and on Good Y, Price of good X is Rs. 4each and Price of Good Y is Rs. 2 each.

Comb.	Good X	Good Y
А	5	0
В	4	2
С	2	4 6
D		
Е	1	8
F	0	10

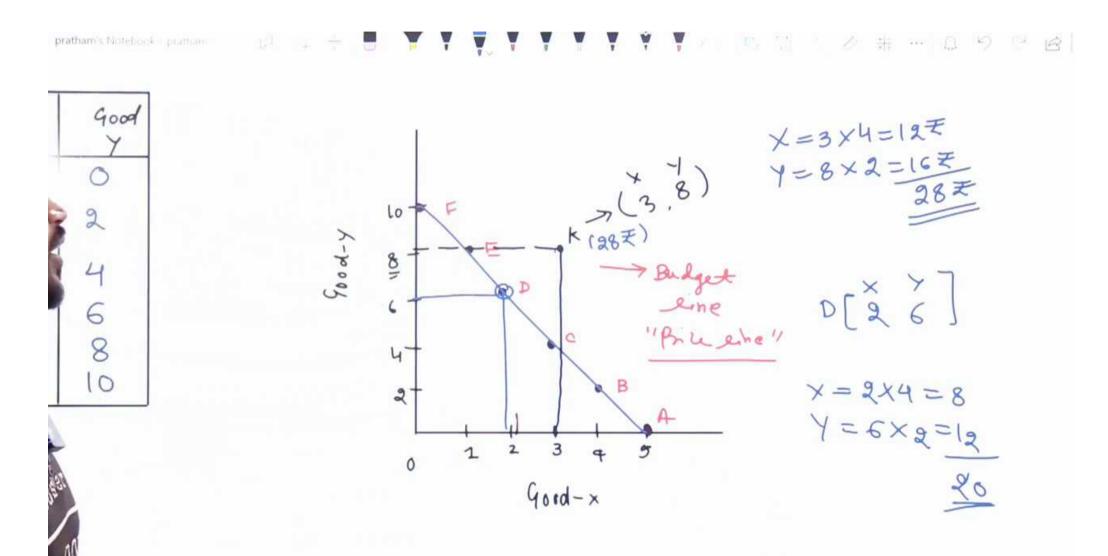


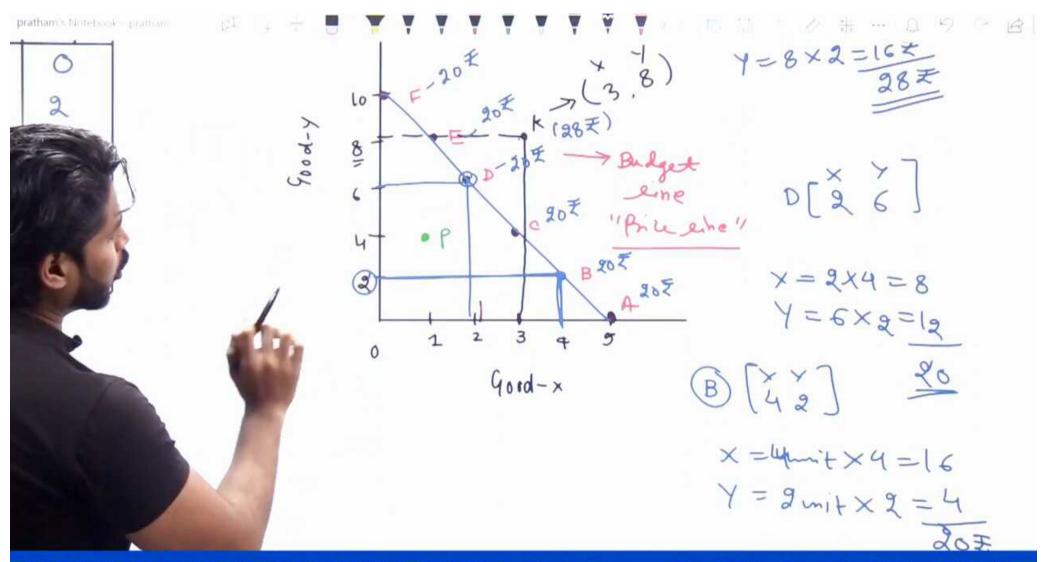
Income = 203	
PX=4=	
Py = 2 =	



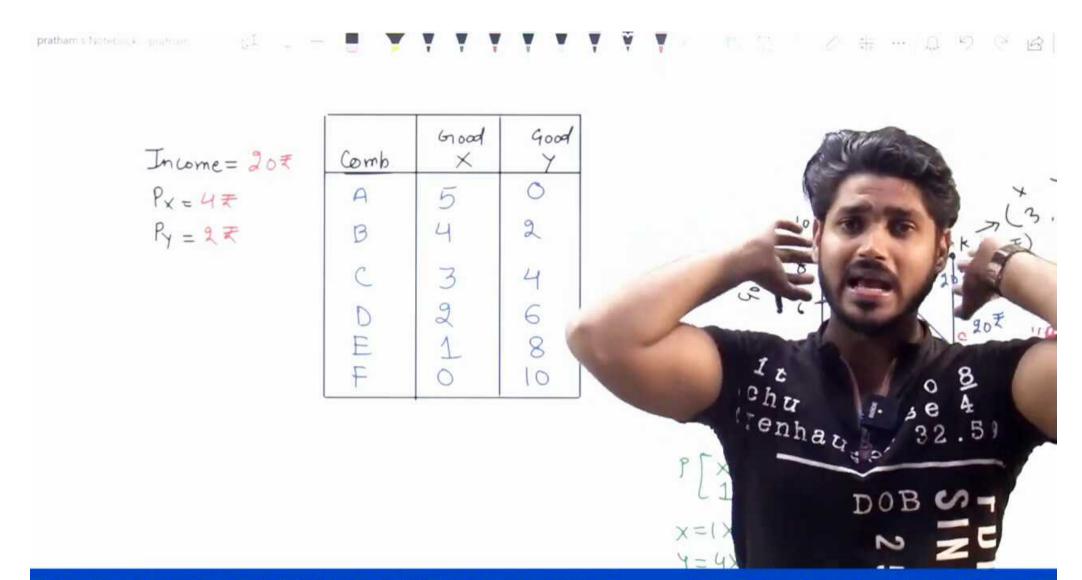
Comb.	Groad X	Good Y
A	5	0
B	4	2
C	3	4
D	2	6
E	1	8
F	0	10

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Comb.	6700d X	Good Y	
A	5	0	E Company of the Comp
B	4	2	> Lot
BCDHH	3	4	8 8 T -> But I
D	2	6	
E	1	6 8	4- "Parke"
F	0	10	a-B
			1 2 3 9
			0 -
			Gord-x





ECONOMICS BY PRATHAM SINGH FOR 11th, 12th, B.com, BA, BBA, CA, CS, CMA, UGC-NET



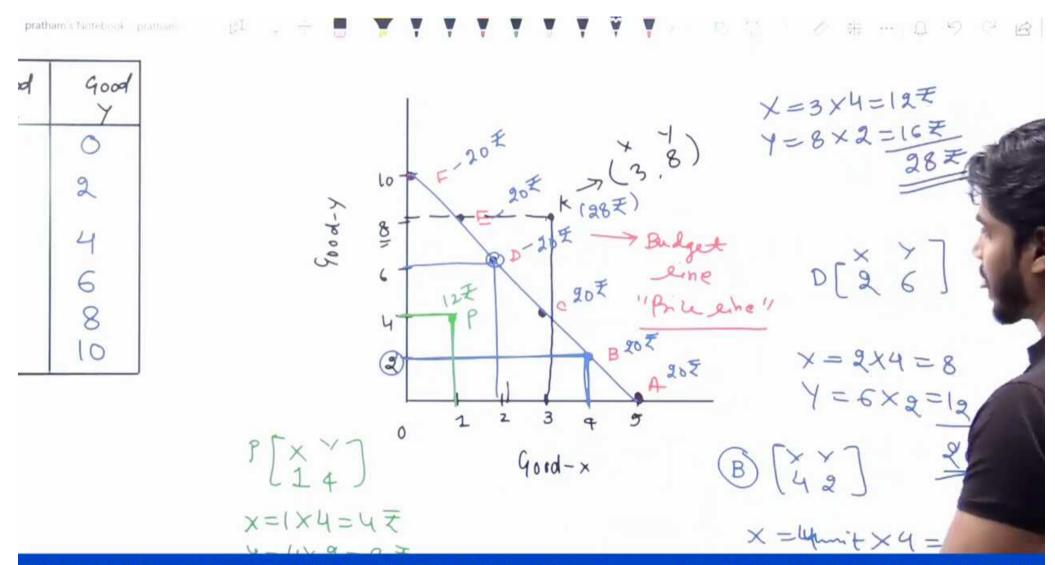
Meaning of Budget Line: A budget line is a line which shows all possible combinations of two goods that a consumer can buy with his given income and prices of commodities. Budget Line is also known as Price Line.

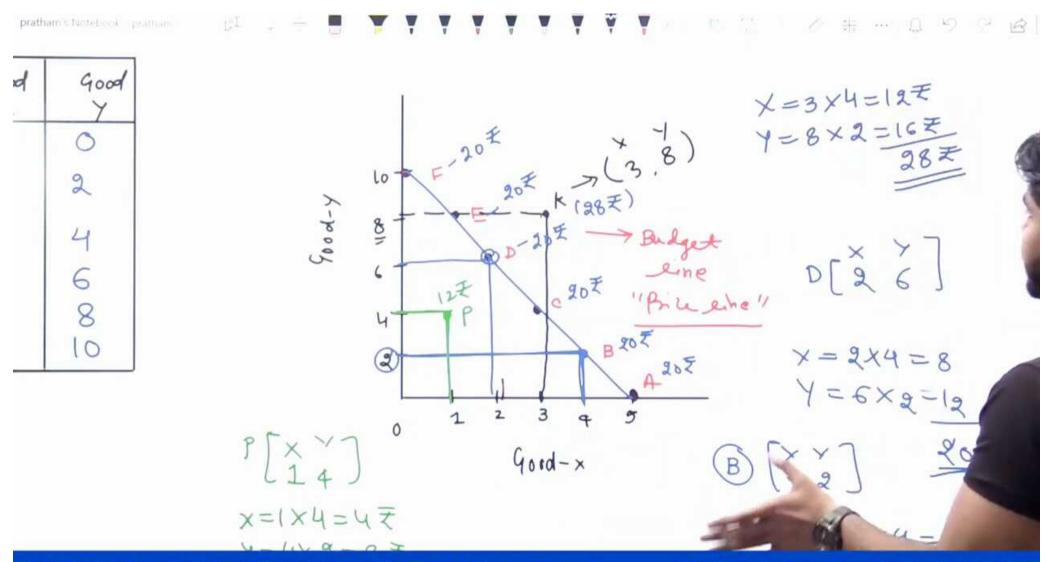
<u>Slope of Budget Line</u>: The slope of the budget constraint measures the rate at which the consumer can trade one good for the other.

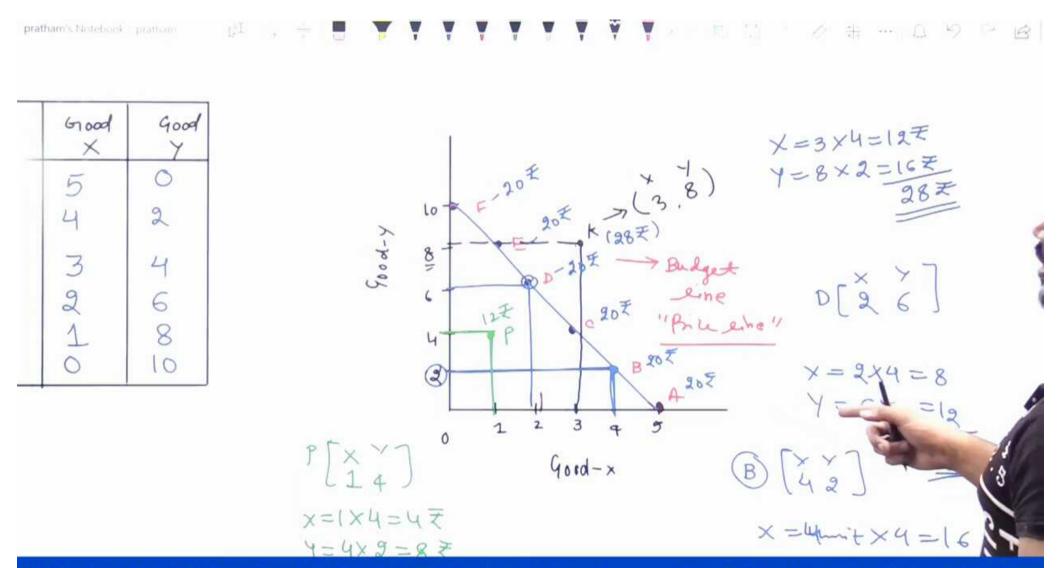
The slope of the budget constraint equals the relative price of the two goods—the price of one good compared to the price of the other.

Slope of Budget Line = Price of Good X/Price of Good Y



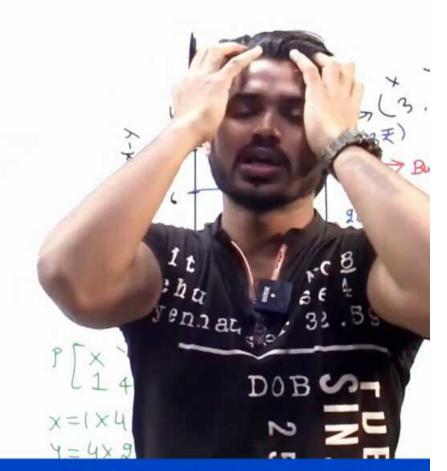








Comb	6700d X	900d Y
A	5	0
B	4	2
C	3	4
D	2	6
E	1	8
F	0	10



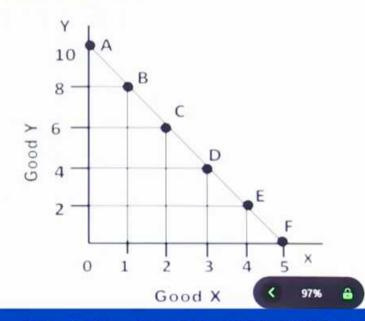
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The slope of the budget constraint equals the relative price of the two goods—the price of one good compared to the price of the other.

Slope of Budget Line = Price of Good X/Price of Good Y

By joining all these points, we get straight line 'AF' known as Budget Line or Price line.

Meaning of Budget Line: A budget line is a line which shows all possible combinations of two goods that a consumer can buy with his given income and prices of commodities. Budget Line is also known as Price Line.

Slope of Budget Line The slope of the budget constraint measures the rate at which the consumer can trade one good for the other.

The slope of the budget constraint equals the relative price of the two goods—the price of one good compared to the price of the other.

Slope of Budget Line = Price of Good X/Price of Good Y

Shift in Budget Line

Shift in Budget Line is due to mainly two reasons: Due to change in Price and Due to

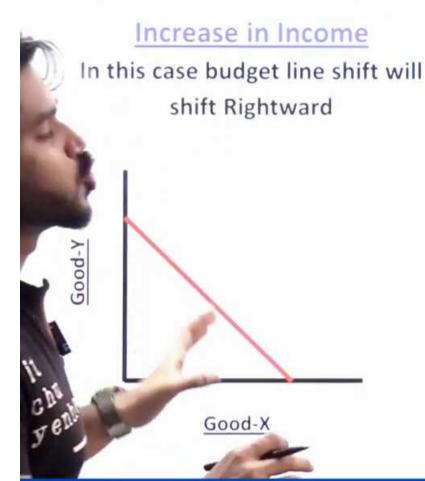
change in Income.

There may be three cases:

- a) Change in Income
- b) Change in Price of one Good
- c) Change in Price of Both goods

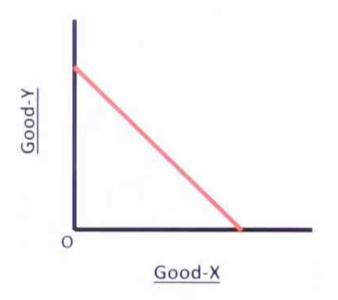


Change in Income



Decrease in Income

In this case budget line shift will shift Leftward

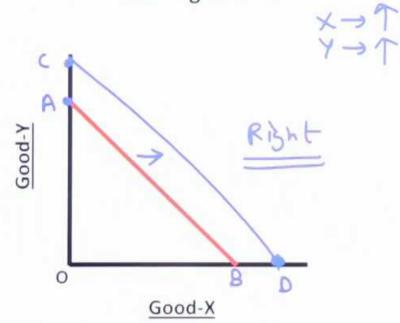


Change in Income



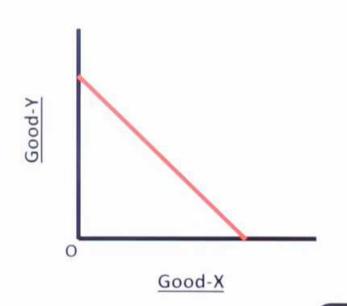
Increase in Income

In this case budget line shift will shift Rightward



Decrease in Income

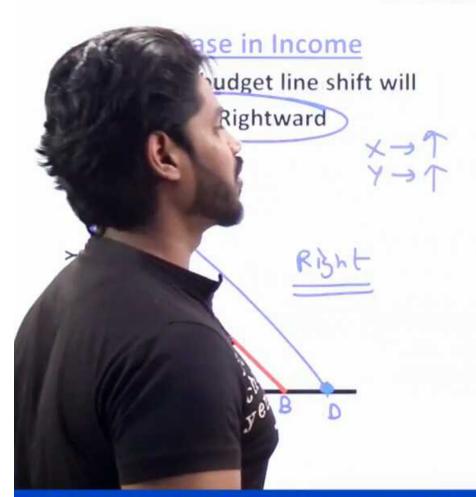
In this case budget line shift will shift Leftward





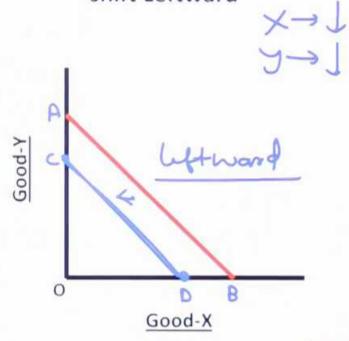
Change in Income





Decrease in Income

In this case budget line shift will shift Leftward



< 97% €

Price of only Good-X changes

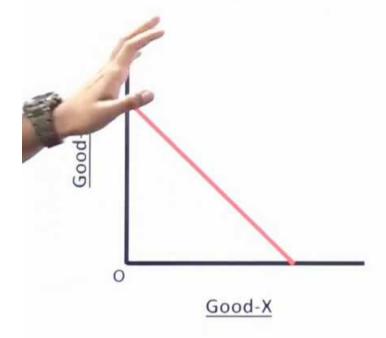
Price Rises: Budget line will rotate left

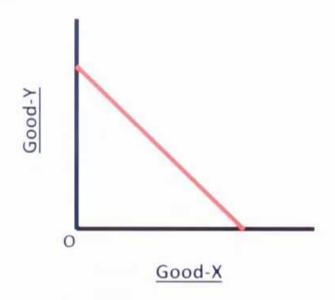
Price falls: Budget line will rotate right

Price of only Good-Y changes

Price Rises: Budget line will rotate downward

Price falls: Budget line will rotate upward





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Change in Price of One Good

Price of only Good-X changes

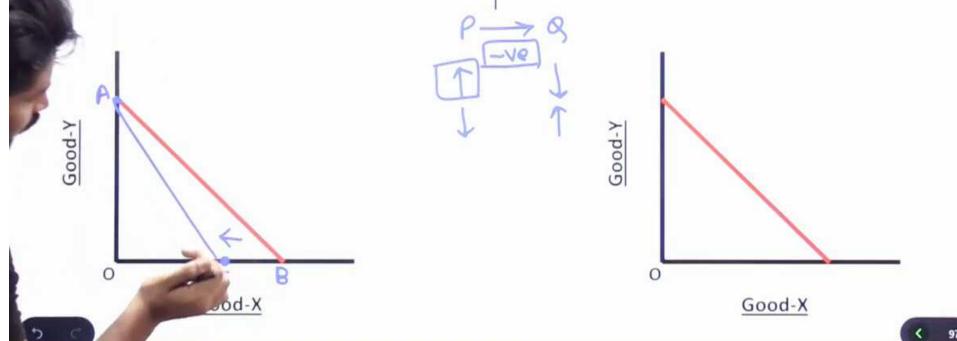
Price Rises: Budget line will rotate left

Price falls: Budget line will rotate right

Price of only Good-Y changes

Price Rises: Budget line will rotate downward

Price falls: Budget line will rotate upward



Price of only Good-X changes

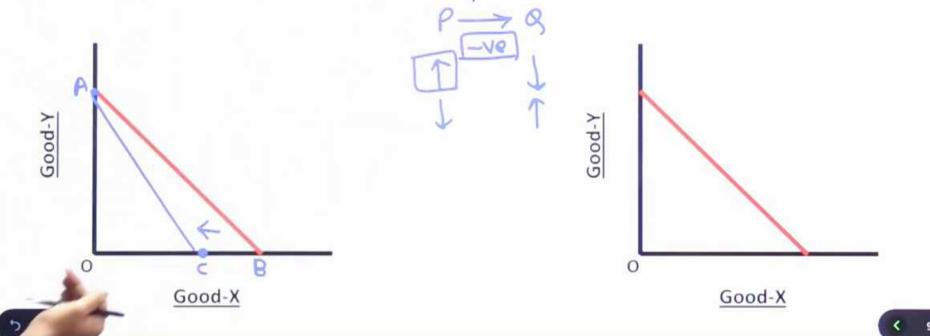
Price Rises : Budget line will rotate left

Price falls: Budget line will rotate right

Price of only Good-Y changes

Price Rises: Budget line will rotate downward

Price falls: Budget line will rotate upward



Price of only Good-X changes

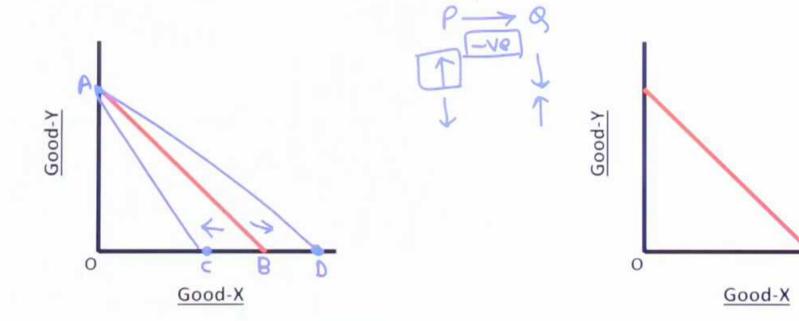
Price Rises : Budget line will rotate left

Price falls: Budget line will rotate right

Price of only Good-Y changes

Price Rises: Budget line will rotate downward

Price falls: Budget line will rotate upward



Price of only Good-X changes

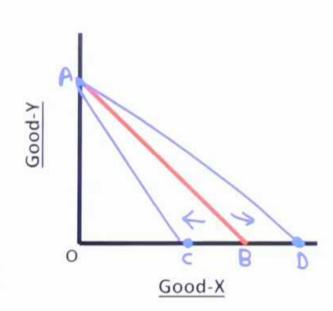
Price Rises : Budget line will rotate left

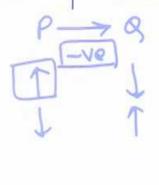
Price falls: Budget line will rotate right

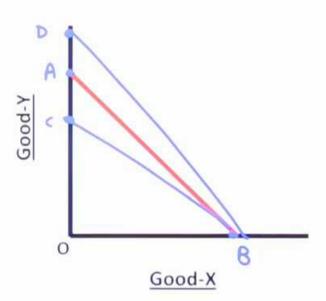
Price of only Good-Y changes

Price Rises: Budget line will rotate downward

Price falls: Budget line will rotate upward



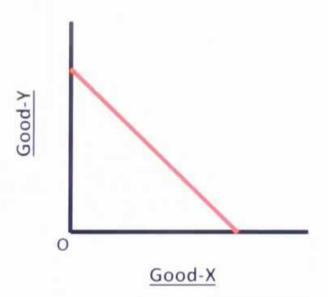




Change in Price of Both the Goods

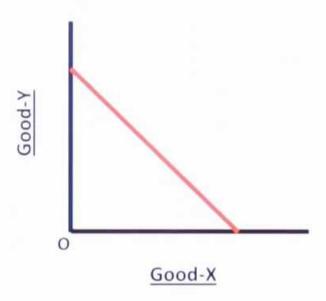
Price of Both goods rises

In this case budget line shift will shift leftward



Price of Both goods falls

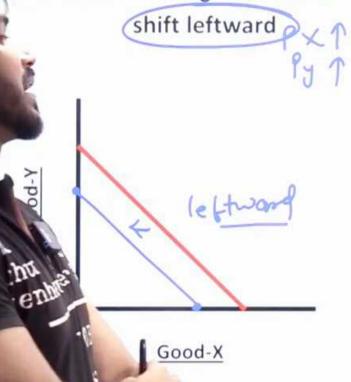
In this case budget line shift will shift Rightward



Change in Price of Both the Goods



In this case budget line shift will



Price of Both goods falls

In this case budget line shift will

