Year	Price X	Quantity X	Price Y	Quantity Y	Price Z	Quantity Z	Real GDP	
1	1	100	0.5	50	0.6	10	(1x100)+(0.5x50)+(0.6x10)	131
2	1	110	0.5	60	0.6	20	(1x110)+(0.5x60)+(0.6x20)	152
3	1	120	0.5	70	0.6	30	(1x120)+(0.5x70)+(0.6x30)	173
4	1	130	0.5	80	0.6	40	(1x130)+(0.5x80)+(0.6x40)	194

Produced more

Real GDP tells us that production increased

If Prices rise

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Produced more

Real GDP tells us that production increased

Comparing Real and Nominal GDP