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١.	The MP	C v.
	If planne	ed investment is greater than actual investment, then
	The rela	tionship between aggregate expenditure and real GDP is best described by:
	OA. If	aggregate expenditure falls short of real GDP, inventories will accumulate and real GDP and gregate income will fall in future.
		aggregate expenditure is equal to real GDP, inventories will decrease and real GDP and gregate income will increase in future.
		aggregate expenditure falls short of real GDP, inventories will decrease and real GDP and gregate income will fall in future.
		aggregate expenditure is higher than real GDP, inventories will accumulate and real GDP and gregate income will fall in future.
	Aggrega	te output is equal to the
	income	equals the
	Aggrega	te output is aggregate income.
	Answers	is the slope of the consumption function
		inventories decrease and production increases
		A
		total quantity of goods and services produced in an economy during a time period
		total income received by all the factors of production during a time period
		always equal to

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W	hich of the following best describes the relationship between aggregate expenditureand real GDP				
0	A. If aggregate expenditure falls short of real GDP, inventories will decrease and real GDP and aggregate income will increase in future				
0	B. If aggregate expenditure falls short of real GDP, inventories will decrease and real GDP and aggregate income will fall in future				
0	C. If aggregate expenditure falls short of real GDP, inventories will accumulate and real GDP ar aggregate income will increase in future				
0	D. If aggregate expenditure falls short of real GDP, inventories will accumulate and real GDP ar aggregate income will fall in future				
De	efinition				
Aggregate expenditure: Planned aggregate expenditure is the total amount the economy plans to spend in a given period.					
Fo	qual to consumption plus planned investent: $AE \equiv C + I$.				
L					

Answer:

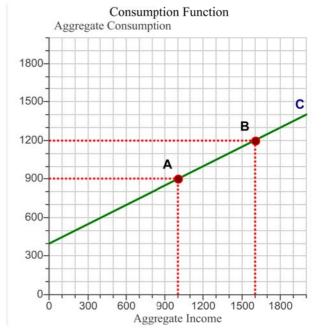
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The graph shows two points A and B on the 3. consumption function, C, of a small country Tynika.

Marginal Propensity to Consum (MPC) is

- OA. 0.75
- OB. 0.90
- OC. 0.50
- OD. not possible to determine without additional information



Definition

Marginal Propensity to Consume:

The fraction of a change in income that is consumed, or spent.

Answer: C

- All of the following changes shift the consumption function except: 4.
 - OA. an increase in household wealth
 - OB. an increase in interest rate
 - OC. an increase in income
 - OD. expectations of higher income in the future

Answer: C

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5.	You are given th	e following data concerning Freedonia, a lege	endary country:
	Investment I	in Function: $C = 200 + 0.60Y$ Function: $I = 300$ xpenditure Function: $AE = C + I$ AE = Y	
	Calculate the fol	lowing:	
		ter your response rounded to two decimal plac er your response rounded to two decimal plac	
	The Level of Eq	uilibrium Income, Y = \$	
	The value of the	Investment Multiplier = . (Enter your resp	ponse rounded to two decimal places.)
	The change in th	e level of equilibrium income if investment in	acreases by \$15. $\Delta Y = \$$
	Answers 0.60		
	0.40		
	1250	1	
	2.50		
	37.50	0	
6.	If MPC decrease	es, the value of the investment multiplier	

decreases

Answer:

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7.	You are g	iven the following	data concern	ing Freedonia, a lege	endary country:		
	Invest Aggre	amption Function: ment Function: gate Expenditure I brium:	I = 20	AE = C + I			
	Calculate the following:						
	a. the Level of Equilibrium Income, Y =						
	b. the value of the Investment Multiplier =						
	c. the change in the level of equilibrium income if Investment increases by 10. $\Delta Y = \Box$.						
	Answers	1000.00					
		2.50					
		25.00					

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8.	Textbook Problem #2 The government of Lumpland is enjoying a fat budget surplus with government expenditure $G = 200$ and taxes $T = 250$. Both G and T are independent of income. The consumption function of Lumpland has been estimated to be
	C = 150 + 0.75(Y - T).
	Suppose further that investment spending is fixed at $I = 100$.
	Calculate the equilibrium level of GDP in Lumpland. Solve for equilibrium levels of Y, C, and S. <i>Enter your answers to the nearest cent</i> .
	$Y = \square$ $C = \square$ $S = \square$
	Now, suppose that the Republican Congress of Lumpland succeds in reducing taxes by 20 billion to a new fixed level of 230. Determine the value of the tax multiplier.
	Tax Multiplier = (enter an integer value and include the minus sign).
	Solve for equilibrium levels of Y, C, and S after the tax cut and check to ensure that the multiplier worked. <i>Enter your answers to the nearest cent</i> .
	$Y = \square$ $C = \square$ $S = \square$
	Answers 1,050.00
	750.00
	50.00
	- 3.00
	1,110.00
	810.00
	70.00
9.	Textbook Problem #3a During periods of budget surplus (when G < T), the government debt .

falls

Answer:

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10. **Textbook Problem #7b** Assume that in 2005, the following prevails in the Republic of Nurd:

Government Spending, G = \$0Net Taxes, T = \$0Planned Investment, I = 30.

Furthermore it is known that the citizens of Nurd consume 75 percent of their income and save 25 percent. Thus the consumption and saving function of Nurd are given to be:

 $C = 0.75Y_d$ and $S = 0.25Y_d$, where disposable income, $Y_d = Y - T$.

Determine the equilibrium level of income.

Equilibrium Income = (enter your result as a whole number).

Answer: 120

11. We have the following information for an economy. All values are in billion dollars.

Output (Income) Y	Net Taxes T	Disposable Income Y _d = Y - T	Consumption Spending C	Saving $S = Y_d - C$	Planned Investment I	Government Purchases G	Planned A: Expend C+I+
\$200	\$100	\$100	\$75	\$25	\$80	\$120	\$27
300	100	200	150	50	80	120	350
400	100	300	225	75	80	120	42:
500	100	400	300	100	80	120	500
600	100	500	375	125	80	120	57:
700	100	600	450	150	80	120	650
800	100	700	525	175	80	120	72:
900	100	800	600	200	80	120	800
1000	100	900	675	225	80	120	87:
1100	100	1000	750	250	80	120	95(
1200	100	1100	825	275	80	120	102
1300	100	1200	900	300	80	120	110
1400	100	1300	975	325	80	120	117

In this economy, equilibrium income/output is .

At Y = \$1200, planned aggregate expenditure income, and income or output

Answers 500

falls short of

falls

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12.	In an economy MPC is estimated to be 0.80. The congress has decided that 80 percent of an increase in a specific government expenditure initiative (G) must be covered by an increase in taxes (T). Both G and T are independent of income.
	For this economy, the net value of the government spending multiplier is .
	Answer: 1.80
13.	When the average income tax rates increase as a result of economic expansion, it is known as:
	OA. debt monetization
	OB. counter cyclical fiscal policy
	OC. fiscal drag
	OD. tax multiplier
	Answer: C
14.	The structural deficit:
	OA. is the same as cyclical deficit.
	OB. remains the same at full employment.
	OC. acts as an automatic stabilizer.
	OD. increases during recessions.
	Answer: B
15.	Textbook Problem #10d In an economy where taxes and government spending do not depend on income, the government spending multiplier is calculated to be 3.
	The value of the tax multiplier is .
	Answer: -2
16.	Suppose that in an economy, net taxes and government spending are independent of income. It is determined that when government spending decreases by \$100 billion, income falls by \$800 billion. In this economy the value of the MPC and MPS are:
	MPC =
	MPS =
	Answers 0.87
	0.13

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17.	We have the following information for a country:					
	Consumption Function: $C = 100 + 0.80 Y_d$ Investment Function: $I = 100$ Government Spending: $G = 150$ Net Taxes: $T = -40 + 0.25 Y$ Disposable Income: $Y_d = Y - T$ Equilibrium: $Y = C + I + G$					
	Determine the level of equilibrium income. $Y = \$$ (<i>enter your response in dollars and cents</i>).					
	Calculate the amount of taxes collected by the government at equilibrium. $T = $ \$\bigcup (enter your response in dollars and cents).					
	Calculate the amount of budget deficit at equilibrium. $G - T = $ (enter your response in dollars and cents).					

955.00

198.75 - 48.75

Answers