2. Consider the following data for two countries.

		Cour	ntry A Coun	try B			
Ç	Household Consumption		100	100			
G	Government Expenditure		100	100			
7	Total Gross Fixed Capital Expen	diture (investment	50	150			
1	Changes in Inventories	3	58	(-50)			
X	Exports		20	20			
Μ	Imports		20	20			
			C 4	I	×	M	
		/A =>	100+100.	+(50+50)	+20-	-20 =	300
a.	Calculate GDP for both countries.	/-					
_	GDP= C+I+G+>	(-M \ B =)	100 + 100	+ 150-	50 + 2	0-20	= <u>300</u>

b. Comment on the usefulness of these figures for deciding which, if any, of these two countries is likely to be experiencing an economic recession.

3. An economy produces three goods: cars, computers, and oranges. Quantities and prices per unit for years 2007, 2008 and 2009 are as follows:

		\sim					
	20	07/ (2.)	7 (2) (2) 2008 9		Q 2009 Pa		
	Quantity	Price	Quantity	Price	Quantity	Price	
Cars	10	\$2,000	12 -	\$3,000	11	\$2,500	
Computers	4	\$1,000	6 -	\$500	5	\$750	
Oranges	1000	\$1 /	1000 -	- \$1	1000	\$1	
> value (Pro) of all final goods and services							

a. What is nominal GDP in 2007, 2008 and in 2009? By what percentage does nominal GDP change from 2007 to 2008, and 2008 to 2009?

b. Using the prices for 2007 as the set of common prices, what is real GDP in 2007, 2008 and in 2009? By what percentage does real GDP change from 2007 to 2009 and 2008 to 2009?

P, x Q,	P202	P3 · Q3	P.Q-	P. O.
1012000= 20000	36000	27500	24000	22000
4×1000 = 4000	3000	3750	6000	5000
ארן בספטוא	וספטן	[000]	1000	1000
	GDP 200-8-40000	GDP2009= 32250	RGDP = 31000	RGDP2007 = 28000

$$\% \triangle GDP_{2009-09} = \frac{32250 - 40000}{40000} \times 100 = -\frac{7750}{40000} \times 100 = -\frac{19\%}{40000}$$

GDP & from $2008 + 0009$

$$RGPP = \begin{cases} Prices & from base year \\ Quantity & from current year \end{cases}$$

$$RGPP_{2007} = \sum_{2007} P_{2007} - \sum_{2007} P_{1} = 25000$$

$$RGPP_{2008} = \sum_{2007} P_{2008} - \sum_{2007} P_{1} = 25000$$

$$RGPP_{2008} = \sum_{2007} P_{2008} - \sum_$$

= -9.7%

- d. Why are the two output growth rates constructed in (b) and (c) different? Which one is correct? Explain your answer.
- 4. What are some of the problems associated with using GDP as a measure of economic welfare? Do you think economists are justified in their use of GDP as a measure of economic welfare? Explain.