Your name (first name, then last n	ame):	
Your TA's name:	-	
SUNY-Binghamton Economics 160, Princ Problem s	ciples of Microeconomics, Christet 8 Game Theory	stopher Hanes
This problem set is some examples of 2x2 games	S.	
1) Players: ruling class in China ru Each country is controlled by businessmen in im better off (even though they reduce total surplus) Strategies: tariffs free trade Outcomes: producer surplus for each ruling class). C	Iffs can make these businessmen hina Tariffs
Free tv-le	25	2 30
Japan		
•	3 10	20
Taviffs		
	30	20
a) What is dominant strategy for China? (free trade or		,
b) Which boxes are Nash equilibria?	(1, 2, 3, or 4, or som	e combination)
2) <i>Players:</i> two companies, Coca-cola (or as we sthe size of its advertising budget. Strategies: high budget low budget	say in Atlanta, Co-cola) and Pe Co k	psi. Each company must choose
Outcomes: profit for each company	High	Low
	20	8
High	30	70
Peps;		
	30	40
Low	0	50
<u> </u>	30	
Which boxes are Nash equilibria?	(1 2 2 - 4 -	a combination)
	(1, 2, 3, or 4, or som	e combination)

