	BECON 300 University of Washington Slope of Tsoquant - AK	J. Ruha Autumn 2009
AV	C=W SMC=W Chapter 5: Theory of Consumer Behavior Quiz	
	When answering the questions below, please show all details of your calculations. 1. Suppose that the marginal rate of substitution is 4, the price of X is \$6 per unit, and the per unit. a. If the consumer obtains 1 more unit of X, how many units of Y must be given	1 3 1
	utility constant? They give up & wits 7 6.0 MRS	
	b. If the consumer obtains 1 more unit of Y, how many units of X must be given utility constant?	up in order to keep
	c. What is the rate at which the consumer is willing to substitute X for Y? My My	1 2 3 C
24	d. What is the rate at which the consumer is able to substitute X for Y? MWW $0.5 \frac{2}{2}$	Px palif
M	e. If the consumer has standard-shaped indifference curves, which is steeper (in slope of the indifference curve or the slope of the budget constraint (at the consumer level)? Why? The indifference curve is stacker shaped indifference curves, which is steeper (in slope of the budget constraint (at the consumer level)? Why? The indifference curve is stacker shaped indifference curves, which is steeper (in slope of the budget constraint (at the consumer level)? Why? The indifference curve or the slope of the budget constraint (at the consumer level)? Why? The indifference curve or the slope of the budget constraint (at the consumer level)? Why? The indifference curve or the slope of the budget constraint (at the consumer level)? Why? The indifference curve or the slope of the budget constraint (at the consumer level)? Why? The indifference curve or the slope of the budget constraint (at the consumer level)? Why? The indifference curve or the slope of the budget constraint (at the consumer level)? Why?	
•	f. Is the consumer making the utility-maximizing choice? Why or why not? If n consumer do? Explain. No the our not because magical rule for each good are not equently to consumer of the con	we need to get and, Mux = Mux And less of
ָ מ	4 2 3 Where $\frac{mu_x}{P_x} = \frac{mu_y}{P_x}$ where $\frac{mu_x}{P_x} = \frac{mu_y}{P_x}$	Pr Py

2.0