NAME(s):				Sec
Pre-lab Flatulence Carbohydrates, Digestion & Enzymes				
	early answer the following questior mbers per group.)	ns and turn in. Car	n be done in p	artnerships of no larger than three
Draw a Haworth structure for sucrose.				
2.	Draw Fisher formulas for the un-cyclized forms and Haworth structures for the cylclized forms of D-glucose and D-fructose. Label the cyclized forms as either the α -anomer or β -anomer.			
	D-glucose (uncyclized)		D-glucose (cycl	ized)
				·
			α-anomer or β-anomer	
	D-fructose (uncyclized)		D-fructose (cycl	ized)
			α -anomer or β-anomer	
3.	What are the respective molecular for (Attach your calculations.)	mulas and Molar Ma	asses of a) verb	ascose, b) stachyose, and c) raffinose?
		Molecular Fo	ormula	Molar Mass
	verbascose			
	stachyose			
	raffinose			
How many grams of glucose and fructose would be produced by complete hydrolysis verbascose, b) stachyose, and c) raffinose respectively? (Attach your calculations.) glucose (g)				
	verbascose			
	stachyose			
	raffinose			
5.	How much energy (kJ) is produced fro (Attach your calculations.)	om the complete me	tabolic oxidation	n of 5 mmol of glucose to CO ₂ and H ₂ O?