Quizbit Rubric | Rotational Mechanics | Cycling

	Rubric item		Description	Points (Circle One)
Completeness	Relevant physics	High level	Uses relevant physics in solution attempt	6
		Mid level	Some, but not all physical concepts used are relevant to the situation	4
		Low level	Physical concepts are mentioned	2
	All parts attempted	High level	All parts of problem have significant effort shown	6
		Mid level	Some parts of problem have significant effort shown	4
		Low level	Some parts of problem are started	2
Clarity of Communication	Legibility	High level	All parts of solution are legible	6
		Mid level	Some parts of solution are hard to read	4
		Low level	Significant parts of solution are hard and/or impossible to read	2
	Format	High level	Solution is highly organized and leads the reader through from start to finish in a logical, easy to follow manner	6
		Mid level	Solution is mostly organized, but it is necessary to hunt for important pieces	4
		Low level	Path of solution is hard to follow. Important pieces of solution are scattered and unlabeled.	2
Correctness	Sensemaking	High level	Uses Continuity, Bernoulli's, and Pressure at a Depth concepts appropriatly with a coherent, complete argument	7
		Mid level	Argument is not quite complete, or contains small errors in logic	5
		Low level	Relevant concepts are mentioned, but argument is not complete and/or is incorrect	3
	Continuity	High level	Continuity and cross sectional area are used appropriately	4
		Mid level	Either continuity or cross section area arguments are incomplete	2
	Bernoulli's	High level	Bernoulli's equation is used appropriately with the assumption that height is constant.	5
		Mid level	Non-algebraic errors or incorrect assumptions are made in use of Bournoulli's equation	3
		Low level	Relevant concepts are used.	1
	Pressure at a Depth	High level	Pressure at a depth is used appropriately and is connected with pressure difference found in part (b) to find a height difference	6
		Mid level	Pressure at a depth argument is incomplete or connection with pressure difference is not made	4
		Low level	Relevant concepts are used.	2
	Final Answer	High level	Height difference is found to be 6.89 cm and is compared to sensemaking from part (a)	2
		Mid level	Height difference is found to be 6.89 cm	1
			Total:	