

# Quizbit Individual Rubric

	<u>Rubric item</u>	<u>Description</u>	<u>Points</u> (Circle One)
<b>Completeness</b>	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
<b>Clarity of Communication</b>	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
<b>Total:</b>			

Group Grader # Group Solution # 

# Quizbit 5 Group Rubric

	<u>Rubric item</u>		<u>Description</u>	<u>Points</u> (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	Part (a)	High level	Correctly describes the two scenarios: moving forwards with backwards acceleration or moving backwards with backwards acceleration.	8
		Mid level	Correctly describes one scenario.	5
		Low level	Incorrect description of scenario(s).	2
	Part (b)	High level	Correct FBD with all three forces pointing in correct directions and no other forces included.	8
		Mid level	Two of the three forces correct but third force is not. OR Correct three forces with other incorrect force(s) included.	5
		Low level	One force correct.	2
	Part (c)	High level	Correct/consistent force analysis resulting in correct acceleration.	8
		Mid level	Attempts a force analysis but missing parts (e.g. only did x force analysis or only y force analysis)	5
		Low level	Magnitudes of some forces found but not properly used in a force analysis.	2
Total:				<input type="text"/>

