

Part 1:

A boy throws a ball upward, as illustrated in the figure. Answer the following questions to gain a better understanding of this motion



Question	Your answer
What is the acceleration of the ball as the boy throw it?	
Did the boy give the ball initial velocity ?	Yes / No
What happens to the ball speed during its motion up ?	Increase / Decrease
What is the direction of the ball speed during its motion up ?	Up / Down
What is the speed of the ball at the maximum height ?	
What is the direction of the ball speed during its motion down ?	Up / Down
What happens to the ball speed during its motion down ?	Increase / Decrease