QUESTIONS TO HAND IN – EXPERIMENT 12

NAMELAB DAY/TIME	
2.	In the example above in question 1, what is the total momentum of the system after they collide?
3.	Consider two particles of 100 g each that are about to collide, with the first one traveling at 1 m/s toward the North and the second one traveling at the same speed to the East. What is the total momentum of the system before they collide?
4.	In the example above in question 3, what is the total momentum of the system after they collide?
5.	If the two particles enter into a completely inelastic collision, what is the final velocity of the resulting composite particle?