

Physics 1101 Experiment 11 Homework

NAME \_\_\_\_\_

1. What is the difference between an elastic collision and a completely inelastic collision?
2. What is the purpose of adjusting the three screws and adding paper clips to the end of the string?
3. When you import the data into PSI-Plot, to what do the subscripts 1 and 2 pertain?
4. Why might it be necessary to remove some of the data points just before and just after the collision?
5. Under what conditions is the conservation of momentum applicable?

NOTE: You should answer question number 3 in Experiment 11 in the laboratory manual before you come to the laboratory.