EXPERIMENT 9

Collisions and Linear Momentum

Observation Question 1

(a) Mass of small glider (g) __________ Mass of larger glider (g) __________

(b) __________

(d) __________

(f) __________

(h) __________

(i) __________

Observation Question 2

(a) One ball: _______________________

Two balls: _______________________

Three balls: _______________________

(b) _______________________

(c) Momentum before the collision:

Momentum after the collision:

Kinetic energy of the system before collision:

Kinetic energy of the system after collision:

Conclusion: _______________________

_______________________
Observation Question 3

(a) __________________________________________________________

____________________________________________________________