Chapter 10

Motion and Momentum



Study Guide

***Vocabulary:***

Speed

Average Speed

Instantaneous Speed

Velocity

Acceleration

Mass

Inertia

Momentum

Law of conservation of momentum

***Items to Know!!***

How to graph motion (What labels are on the axis?)

What does a horizontal line represent on a speed – time graph? On a distance – time graph?

Collisions and momentum

Momentum has the same direction as velocity

Speed = Distance / Time

Acceleration = change in velocity / time ---OR----- Final Speed – Starting Speed / time

Momentum = mass x velocity p = mv

***Layout of the test***

10 True or False

15 Multiple Choice

10 Completion (with a word box)

5 Math problems (speed, momentum, acceleration)