

PHYSICS 151 READING ASSIGNMENT

FOR JULY 2

SECTIONS 9.3 AND 9.4

9.3 Solving Impulse and Momentum Problems

- The impulse approximation - only “big” forces effect the motion of an object over short time periods
- Read the examples carefully, we’ll see similar problems on the homework and next exam

9.4 Conservation of Momentum

- Conservation - word of the month. It means that some physical quantity can’t change its value.
- The total momentum of the *system* can’t change. This means more vector addition.