

FM1 Chp 1 - Momentum and Impulse

MOMENTUM (Units: Ns)

$$\text{Momentum} = \text{mass} \times \text{velocity}$$

IMPULSE (Units: Ns)

$$I = mv - mu$$

CONSERVATION OF MOMENTUM

Total Momentum Before = Total Momentum After

$$m(u_1) + m(v_1) = m(u_2) + m(v_2)$$

Direction Matters!

