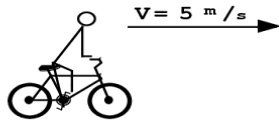


Impulse & Momentum Worksheets

A

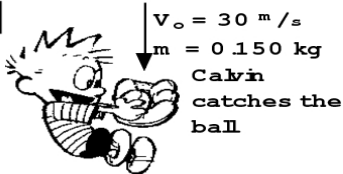


$M_R = 60 \text{ kg}$

$M_B = 20 \text{ kg}$

Impulse: _____
 Momentum of the bike: _____
 Momentum of the rider: _____

B



C

	BEFORE	AFTER
	 $V_o = 20 \text{ m/s}$ $m = 0.150 \text{ kg}$	 $v = 35 \text{ m/s}$ Line drive - straight back at the pitcher.

D

	 $V_o = 10 \text{ m/s}$ $m = 0.1 \text{ kg}$	 The snow ball hits Susie on the head and sticks there.
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