

Wk30 Collisions: Momentum

D1: Totally Inelastic Collisions

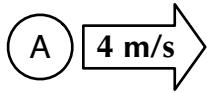
name: _____

AFTERWARDS: go left go right

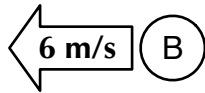
(1)

total momentum	
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3 kg



2 kg

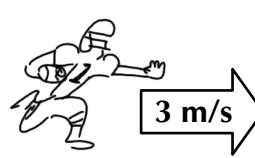
AFTERWARDS: go left go right

(2)

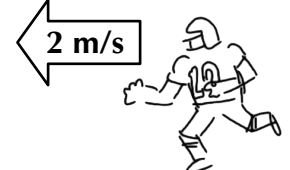
total momentum	
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80 kg



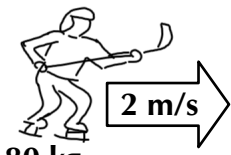
100 kg

AFTERWARDS: go left go right

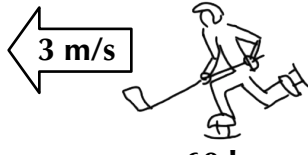
(3)

total momentum	
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80 kg



60 kg

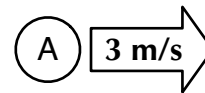
AFTERWARDS: go left go right

(4)

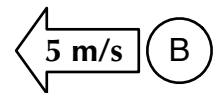
total momentum	
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6 kg



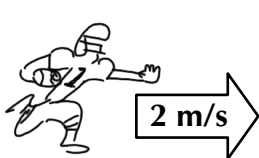
4 kg

AFTERWARDS: go left go right

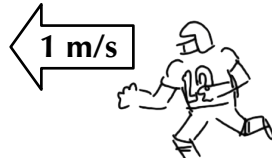
(5)

total momentum	
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60 kg



90 kg

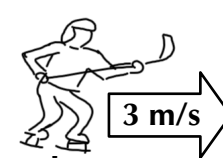
AFTERWARDS: go left go right

(6)

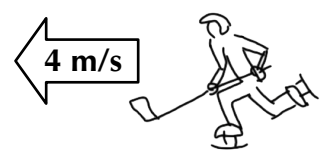
total momentum	
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80 kg

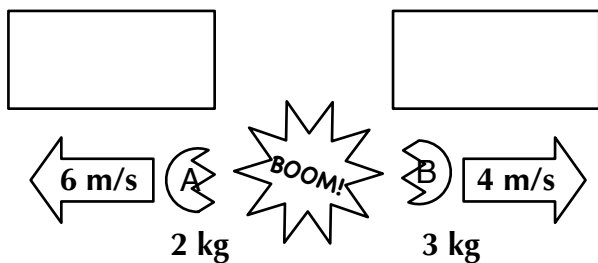


60 kg

BEFOREHAND: was going left was going right
 was going nowhere

(7)

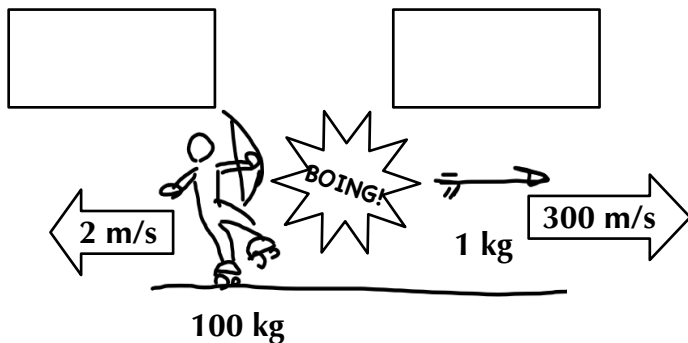
total momentum	
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BEFOREHAND: was going left was going right
 was going nowhere

(8)

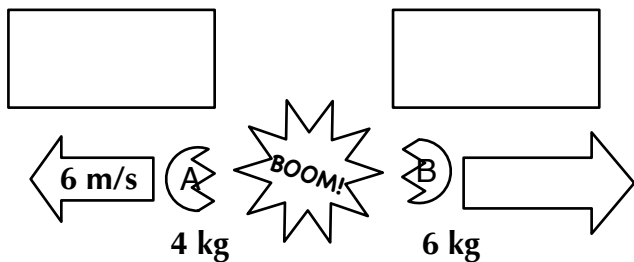
total momentum	
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BEFOREHAND: was going left was going right
 was going nowhere

(9)

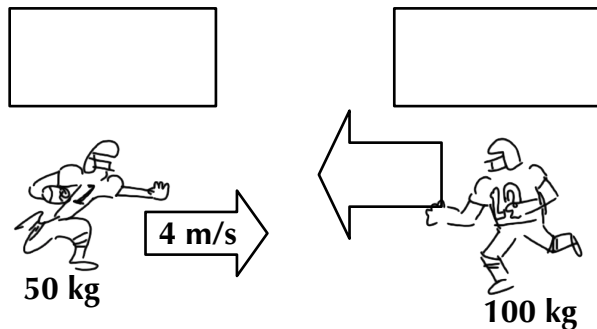
total momentum	0 kgm/s
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AFTERWARDS: go left go right
 go nowhere

(10)

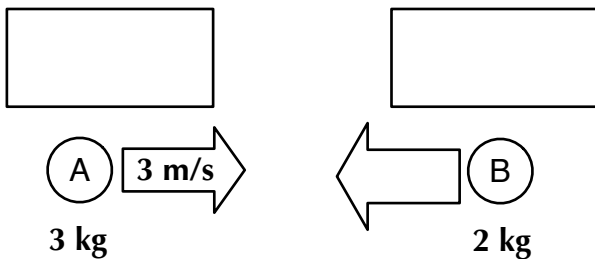
total momentum	0 kgm/s
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AFTERWARDS: go left go right
 go nowhere

(11)

total momentum	1 kgm/s
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AFTERWARDS: go left go right
 go nowhere

(12)

total momentum	-5 kgm/s
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