

MOMENTUM

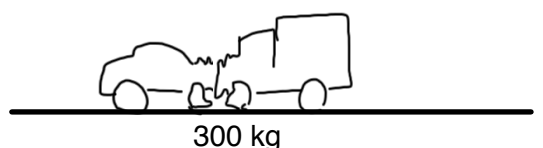
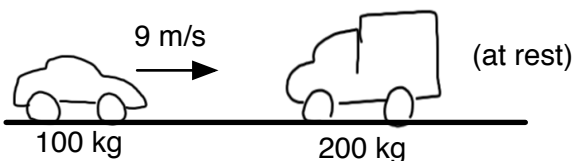
D2: Inelastic Collisions

name: _____

(ex) total momentum before

total momentum after

v =

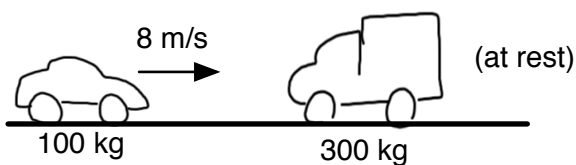


Find the velocity: how much and which way.

(1) total momentum before

total momentum after

v =



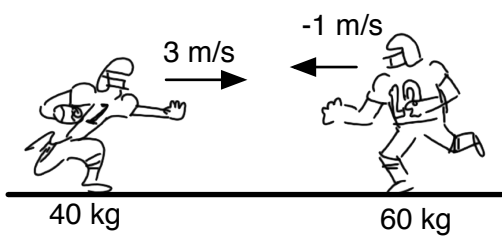
Find the velocity: how much and which way.

total momentum before

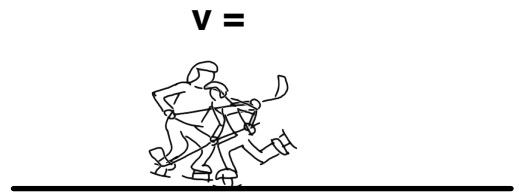
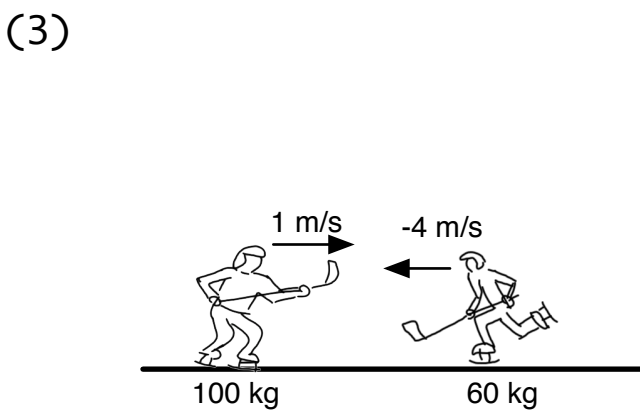
total momentum after

(2)

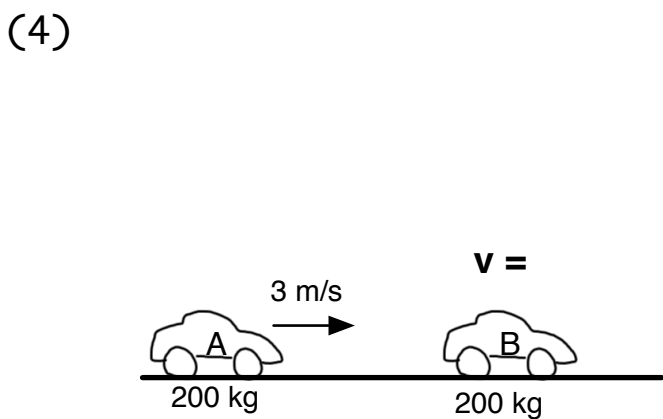
v =



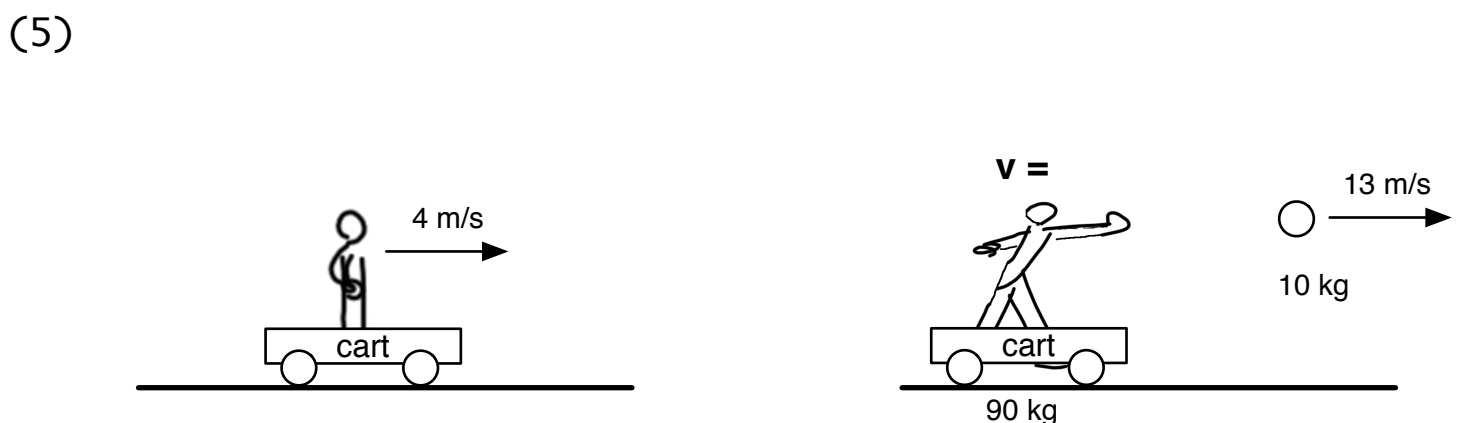
Find the velocity: how much and which way.
(Decimal answer)



Find the velocity: how much and which way.
(Decimal answer)



Find the velocity of B: how much and which way.



Find the velocity of the cart & person:
how much and which way.