



~~kg  
m/s~~

a.)  $p = mv = (0.10 \text{ m/s})(0.20 \text{ kg}) = 0.02 \text{ kg(m/s)}$

QUIZZES → 15%

b.)  $p = mv = (0.30 \text{ kg})(0.05 \text{ m/s}) = 0.015 \text{ kg(m/s)}$

c) CONSERVATION of MOMENTUM