

16]
$$[4.26 \frac{kg m}{s} down]$$

2a] (A) $v = 3.5 \frac{m}{s} m = 4.2 + 7.6 + 3.2 = 15 \frac{kg}{s}$

(B) $p = m \cdot v$

(B) $p = m \cdot v$

(B) $p = 15 \cdot kg \cdot 3.5 \frac{m}{s}$

(C) $p = 15 \cdot kg \cdot 3.5 \frac{m}{s}$

(D) $p = 15 \cdot kg \cdot 3.5 \frac{m}{s}$

(E) $p = m \cdot v$

(E

