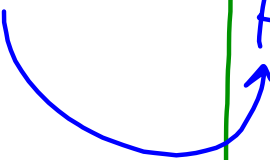


IF YOU KNOW	YOU CAN FIND	USING	UNITS
mass (kg) velocity (m/s)	momentum 	$p = m \cdot v$	$\frac{\text{kg} \cdot \text{m}}{\text{s}}$ + DIRECTION!
momentum ($\frac{\text{kg} \cdot \text{m}}{\text{s}}$) velocity ($\frac{\text{m}}{\text{s}}$)	mass	$m = \frac{p}{v}$	kg
momentum ($\frac{\text{kg} \cdot \text{m}}{\text{s}}$) mass (kg)	v	$v = \frac{p}{m}$	$\frac{\text{m}}{\text{s}}$ + DIRECTION!

What is momentum of 7,833 kg chicken moving at 17 m/s?

3. ① $m = 7,833 \text{ kg}$ $v = 17 \text{ m/s}$

② p

③ $p = m \cdot v$

④ $p = 7,833 \cdot 17 = 133,161$

⑤ $p = 133,161 \frac{\text{kg} \cdot \text{m}}{\text{s}} \text{ North}$