Momentum:

· A way to measure the amount of force an object will generate when it hits something else · Momentum depends on Velocity - faster things have more momentum Momentum depends on moss - more massive things have more momentum

Momentum can be transfered . When one object hits another, some or all of its momentum is moved to the second object. Momentum allows us to predict how objects will move after they collide

Momentum is calculated by multiplying and object's mass and velocity: $\frac{(kg) \cdot (kg)}{(kg)} = mass \times yelocity$ units = "kilogram

metrs pr

second ...

Bregar on sidewalk. His
$$v = 0 \frac{m}{5}$$
.

His mass = 70 kg. What is p ?

In $v = 0 \frac{m}{5}$ $m = 70 kg$.

P = $m \cdot v$ which is $p = 70 kg$.

P = $70 kg \cdot 0 \frac{m}{5}$ North

The check ...