

## Year 11 physics unit 2 'energy and motion' Cheat Sheet by ktkydukckt8 via cheatography.com/195767/cs/41068/

## **Definitions and Formulas**

Momentum is vector quantity that is equal to the mass of an object multiplied by it's velocity, It has units of kg m s-1 or N s and is in the same direction as velocity

P=MV

F

## **Definitions and Formulas**

 $\Sigma p_i = \Sigma p_f$ 

 $\Sigma p_i$  = total initial momentum (N s or kg m s<sup>-1</sup>),  $\Sigma p_f$  = total final momentum (N s or kg m s<sup>-1</sup>)

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