



- ۷-  $\frac{1}{2} \frac{d}{dt} \left( \frac{1}{2} m v^2 \right) = m v \frac{dv}{dt} = m v a$
- ۸-  $\frac{1}{2} \frac{d}{dt} \left( \frac{1}{2} m v^2 \right) = m v \frac{dv}{dt} = m v a$

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