

اسماء الشركات		البيانات المالية (بملايين ريال)		
		البيانات	البيانات	البيانات
		1-1.1 2 ,200		1 0 0

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

$\frac{1}{2} m v^2 = \frac{1}{2} m a^2 t^2$

The acceleration a is constant, so $v = at$. Substituting $v = at$ into the equation above gives:

$$\frac{1}{2} m (at)^2 = \frac{1}{2} m a^2 t^2$$

2 July 201

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