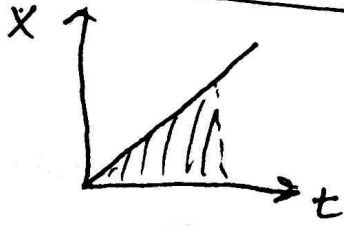


Position-Time



$$\frac{1}{2}bh = \frac{1}{2}(s)(m)$$
$$= m \cdot s$$

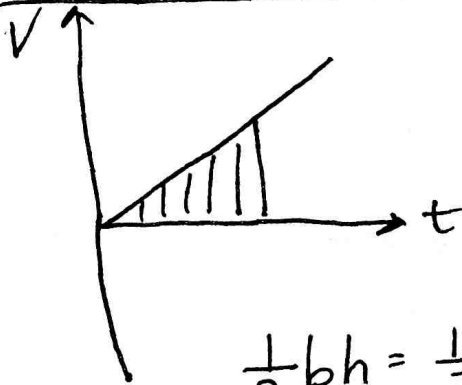
Slope = velocity

area under curve = No information

$$\text{avg velocity} = \frac{\Delta x}{\Delta t} = \frac{x_f - x_i}{\Delta t}$$

$$\text{avg. speed} = \frac{\text{distance}}{\text{time}}$$

Velocity-time



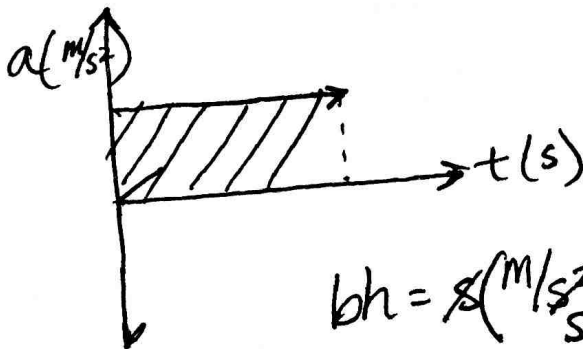
$$\frac{1}{2}bh = \frac{1}{2}(s)(m/s)$$
$$= m$$

Slope = acceleration

area under curve = Δx displacement

$$a_{\text{avg}} = \frac{\Delta v}{\Delta t}$$

Acceleration-time



$$bh = s \left(\frac{m}{s^2} \right)$$

$$\Delta v = m/s$$

Slope = jerk (No ~~th~~ useful info.)

Area under curve = Δv