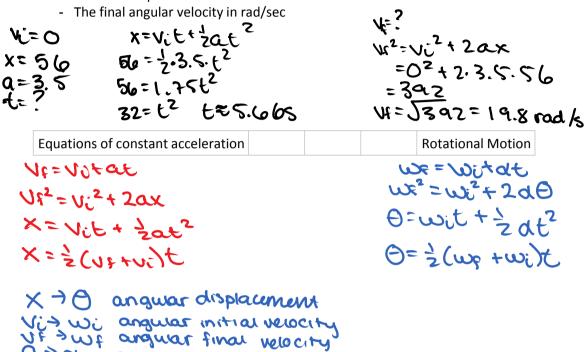
Rotational Motion

Friday, December 6, 2013 12:07 PM

A wheel starts from rest and turns through 56 radians at an angular acceleration of 3.5 rad/s^2. What is

- The time required

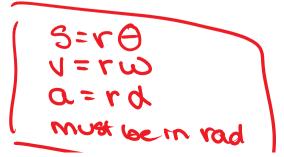


Linear vs. Angular

a sor angular acceleration Est time same

 $S = r\Theta$ $S = r\Theta$ $V = r\omega$ $V = r\omega$ $V = r\omega$

0 in rad



AP Physics 1 Page 1

$$\frac{\nabla}{t} = r\omega$$

$$\frac{\nabla}{t} = \frac{r\omega}{t}$$

$$a = rd$$