

When gears are on separate shafts (I.e between gears 1 and 2):

When gears are on the same shaft (I.e. between gears 2 and 3):

 $= (N_{\rm h} / N_{\rm a})$ 

 $\omega_{a} / \omega_{b}$ 

A. First goal is to find  $\omega_{0}/\omega_{1}$ . You MUST follow the gear path; gear 1 to 2 to 3...

N,

= # of teeth on gear i



Gear - 1

