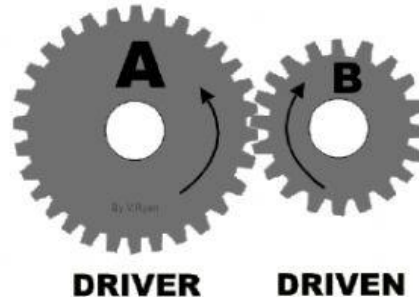


## GEARS MECHANISMS

$$Z_A \times w_A = Z_B \times w_B$$

Gear A is the driver or motor gear

Gear B is the driven or receptor gear



$Z_A$  is...    the speed of the motor gear  
                 the speed of the receptor gear  
                 the number of teeth of the motor gear  
                 the number of teeth of the receptor gear

$Z_B$  is...    the speed of the motor gear  
                 the speed of the receptor gear  
                 the number of teeth of the motor gear  
                 the number of teeth of the receptor gear

$w_A$  is...    the speed of the motor gear  
                 the speed of the receptor gear  
                 the number of teeth of the motor gear  
                 the number of teeth of the receptor gear

$w_B$  is...    the speed of the motor gear  
                 the speed of the receptor gear  
                 the number of teeth of the motor gear  
                 the number of teeth of the receptor gear