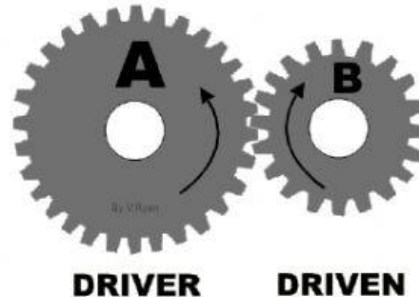


GEARS MECHANISMS

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

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