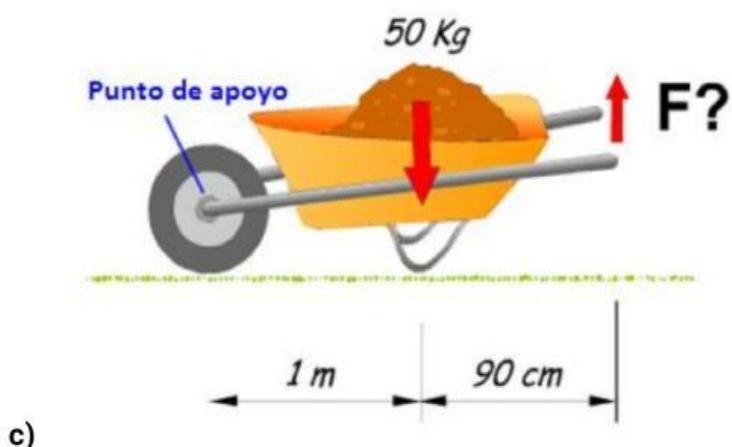
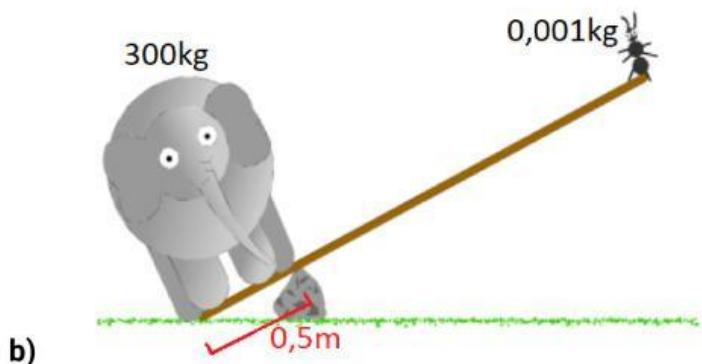
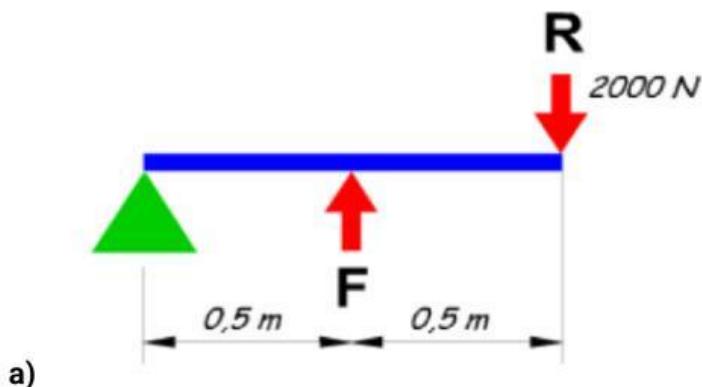
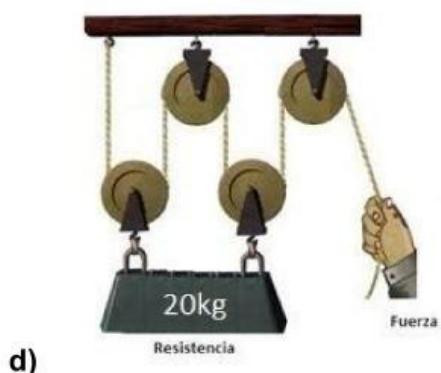
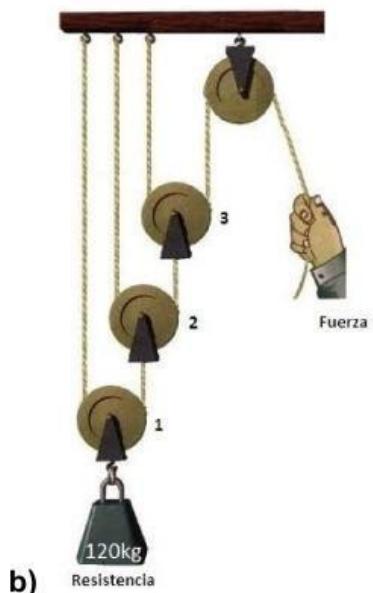
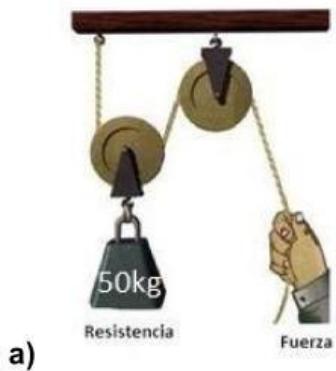


T5. MECANISMOS

1. Identifica el género y calcula las siguientes palancas:

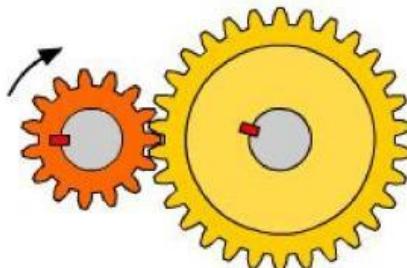


2. Identifica el tipo y calcula la fuerza en las siguientes poleas:



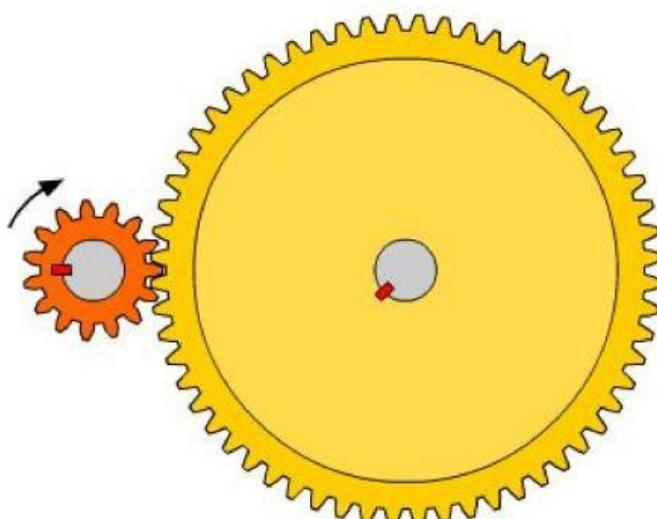
3. Calcula la velocidad de rotación del engranaje conducido en cada caso:

$$\begin{aligned}Z_m &= 15 \text{ dientes} \\N_m &= 10 \text{ rpm} \\Z_s &= 30 \text{ dientes} \\N_s &= ?\end{aligned}$$



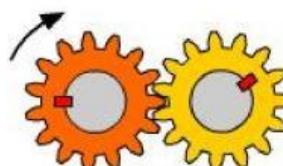
a)

$$\begin{aligned}Z_m &= 15 \text{ dientes} \\N_m &= 10 \text{ rpm} \\Z_s &= 60 \text{ dientes} \\N_s &= ?\end{aligned}$$



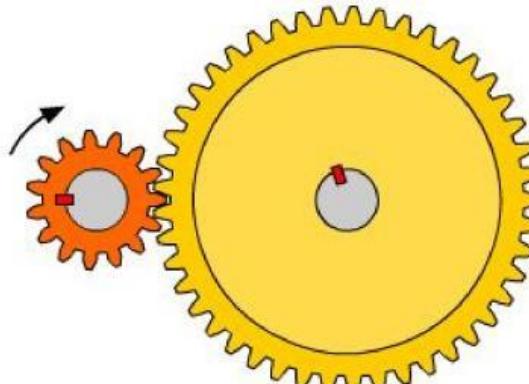
b)

$$\begin{aligned}Z_m &= 15 \text{ dientes} \\N_m &= 10 \text{ rpm} \\Z_s &= 15 \text{ dientes} \\N_s &= ?\end{aligned}$$



c)

$$\begin{aligned}Z_m &= 15 \text{ dientes} \\N_m &= 10 \text{ rpm} \\Z_s &= 45 \text{ dientes} \\N_s &= ?\end{aligned}$$



d)