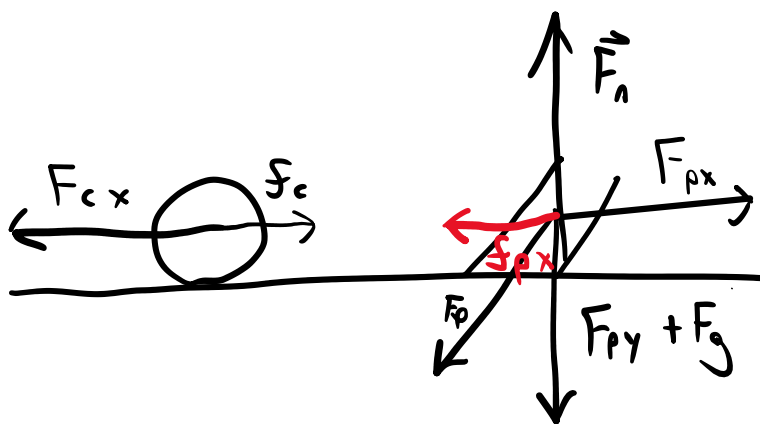
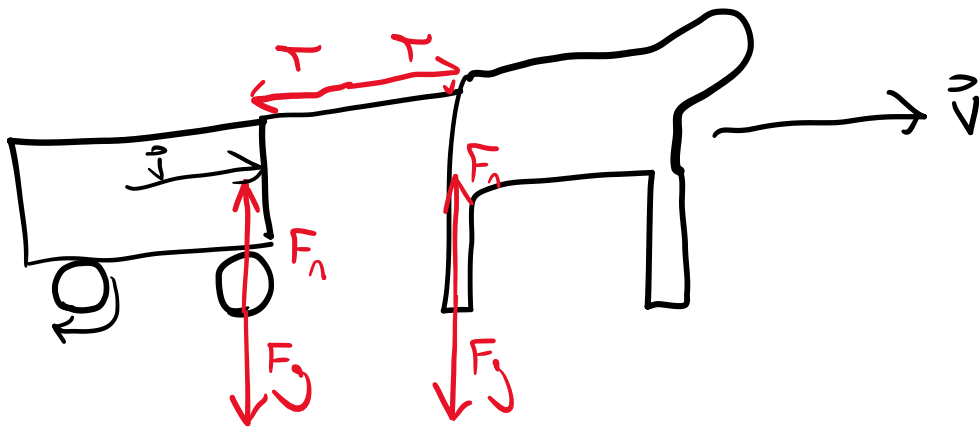


# Horse Diagram



$$\begin{aligned}\sum F_x &= F_{px} - F_{cx} + f_c - f_p \\ &= (F_{px} - f_{px}) - (F_{cx} - f_c)\end{aligned}$$