Prelab Questions

These questions need to be completed before entering the lab. Please show all workings.

Marker’s Initials

Prelab 1

In the diagram below, draw the lever arm \( \ell_{F_1} \) for the force \( F_1 \). State whether the torque is positive or negative.

\[
\begin{array}{c}
\text{Pivot Point} \\
F_1
\end{array}
\]

Prelab 2

Draw the lever arm \( \ell_{F_2} \) for the force \( F_2 \). State whether the torque is positive or negative.

\[
\begin{array}{c}
\text{Pivot Point} \\
F_2
\end{array}
\]