Prelab Questions

These questions need to be completed before entering the lab. Show all workings. Attach this sheet to your lab book.

Prelab 1: Sketch a graph of torque vs angular acceleration.

Prelab 2: The diagram below represents a cylinder supported at its centre (at the black dot). The forces acting on the cylinder are the normal force, weight, and tension. With the pivot at the centre, which of the forces apply a non-zero torque? Explain.

![Diagram of a cylinder with forces: Normal Force, Weight, and Tension]