# ENME480 Week 9 – IK Lab Data Collection Sheet

Date: .....

Group : .....

Group members:

1. .....

2. .....

3. .....

4. .....

Observations sheet Run the robot for the following test points:

Use the point you measure on the table to determine where the laser pointer is in space, you may assume the robot height is correct.

| **Test Point Inputs**<br><br>**(x,y,z,yaw)** | **Laser Position on Workbench (Measured)**<br><br>**(x,y)** | **Projected Laser-Table intersection (terminal output)**<br><br>**(x,y)** | **3d Laser Pose Estimate (terminal output)**<br><br>**(x,y,z)** |
|---|---|---|---|
| (0.2, 0.3, 0.3, 45) | | | |
| (0.1, 0.4, 0.1, 90) | | | |
| (0.2, 0.2, 0.2, 0) | | | |
| (0.2, -0.2, 0.1, 0) | | | |
| (0.2, 0.3, 0.4, 30) | | | |