

FOR 100 Team Name: _____

DISTANCE & DIRECTION (Pacing & Compassing)

EACH TEAM: *You will have time during class* to complete this worksheet. Work together so that all members of your team understand how to measure (1) distance by pacing, and (2) direction with a magnetic compass.

EACH STUDENT: Count your number of paces per chain (1 chain = 66 feet). **Remember that one pace = two steps!** Record your name and result in the table below. ***BE SURE TO MAINTAIN A RECORD OF YOUR PERSONAL NUMBER OF PACES PER CHAIN IN A SAFE PLACE FOR USE IN A FUTURE CLASS SESSION.***

EACH TEAM: By pacing and compassing, **agree as a team** on the best response to the 3 items below that call for “Team Responses.” Record your team’s responses (exactly one response per team per column).

Individual Student Responses		Team Responses	Team Responses	
Student Names	Number of Paces in One Chain (66 feet)	What object is approximately 87 feet at 232 degrees from the lamppost in front of the T.P. Cooper Building?	Distance between Oak and Holly Trees (feet)	Direction <u>from</u> Oak Tree <u>to</u> Holly Tree