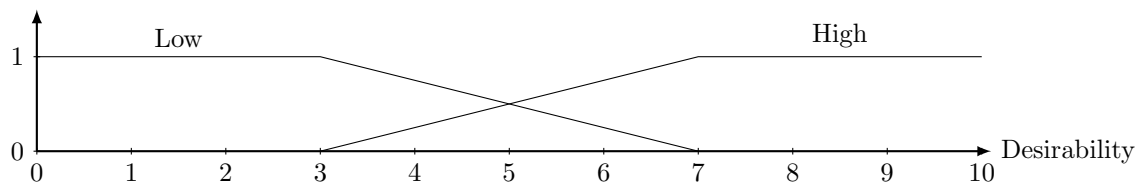
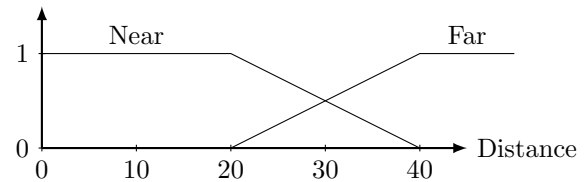
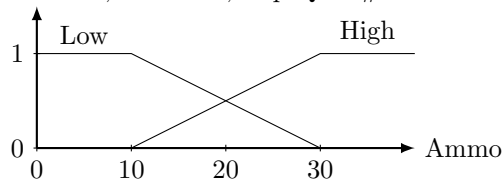


Name _____ Student Number _____

CSCI321, Fall 2017, Pop Quiz #6



Given the FLVs for a weapon shown above, calculate the fuzzy desirability for the weapon from each of the following rules, given that ammo=25 and distance=25.

1. If ammo is **low** and target is **near** then desirability is **low**.
2. If ammo is **low** and target is **far** then desirability is **high**.
3. If ammo is **high** and target is **near** then desirability is **high**.
4. If ammo is **high** and target is **far** then desirability is **low**.

What is the final fuzzy value of desirability by combining all rules?