#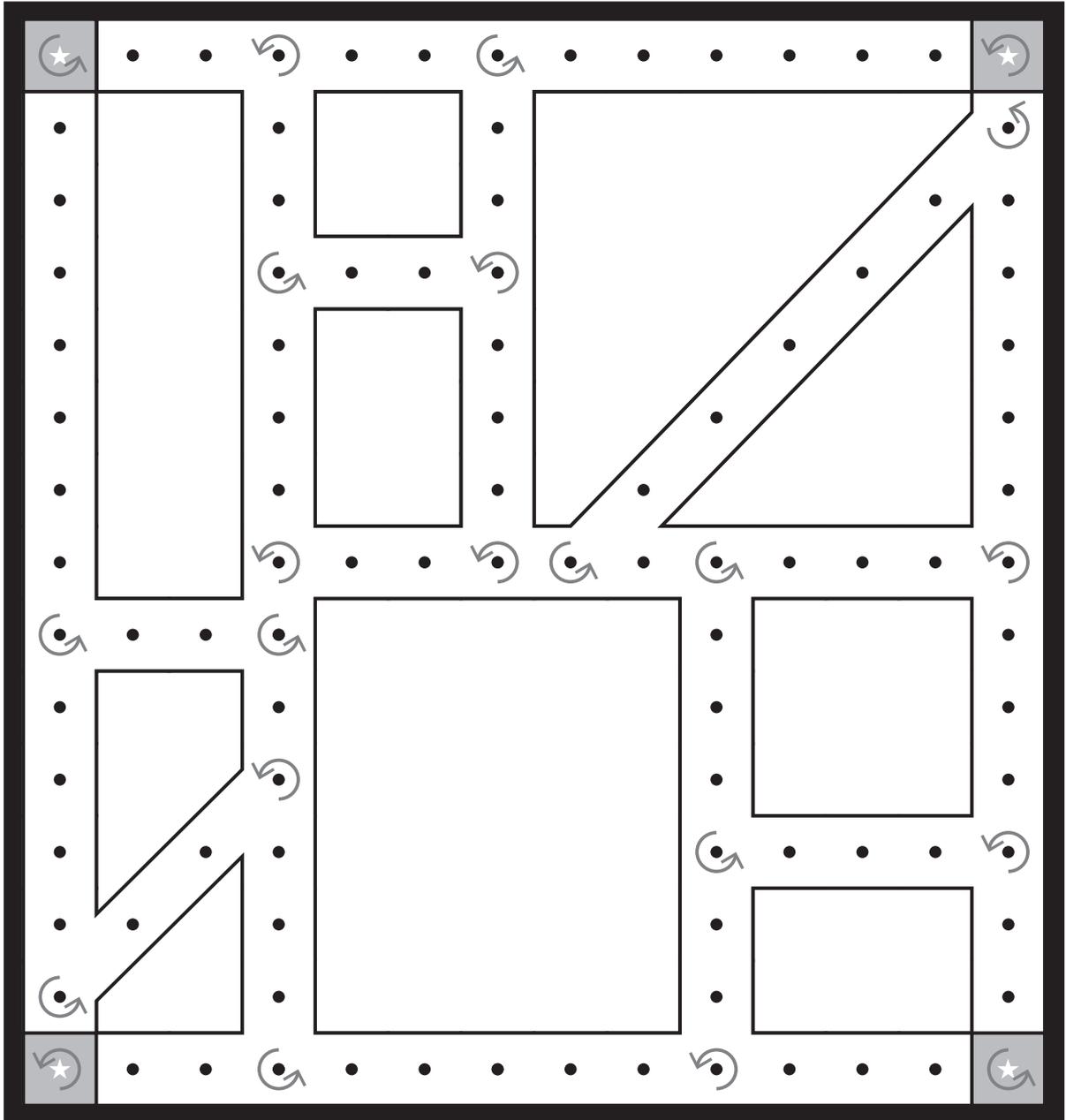 ADA'S ALGORITHM GAME