Privacy in LBS: Review

• Find the set of points to be returned under CASPER if K=5 (ignore A)
• X – user location
Location Anonymizer

• What is the appropriate region?
Location Anonymizer

- The appropriate spatial cloaking is the region in blue
Privacy Aware Query Processing

- Step 1: Find the 4 filters
Step 2: Find “middle” points
Step 3: Extend the edge
Step 3: Extend the edge
Repeat for other edges
Repeat for other edges
22 points are returned!