## Lecture 16 outline:

- Exam protocol/questions
- "Things to know"
- Problem 2-4
  - Potential inside a pentagon
- •Problem 2-8
  - Field outside a cylinder
- •Problem 3-2
  - Four ways to say  $\vec{E} = -\nabla V$
- •Problem 3-9
  - Potential and field above a disk of uniform charge
- •Problem 3-10
  - Behavior of charges & fields for two charges in a sphere.

## Method of Images