Project 5 - Volumes and Gauss' Law - Part A Areas and Volumes. In class only.

Determine the area of a circle, radius 1 m.

Determine the volume of a sphere, radius 1 m.

Determine the electric field at point A.

Determine the electric field at point B.

Determine the *volume* of a hypersphere, radius 1 m. Hint: what do you suppose is the equation for a 4-D sphere?