1. Identify the Surface: \(2x^2 + 4y^2 + z^2 + 8y - 4z = -4\).
Draw a rough sketch of this surface.

2. Find equation of the surface \(z^2 = x^2 - y^2\) in spherical coordinates.
1. Use traces to sketch graph of the surface: \(16x^2 - 9y^2 + 36z^2 = 144\).

2. Find and sketch domain of \(f(x, y) = \ln(y - 2x)\)