Sketch the appropriate traces, and then sketch and identify the surface:

1. \(-x^2 - y^2 + 9z^2 = 9\)

2. \(x^2 - y^2 + 9z^2 = 9\)

3. \(x^2 - 4y^2 + z = 0\)
4. \[ 9x^2 + y^2 + 9z^2 = 9 \]

5. \[ 9x^2 + z^2 = 9 \]

6. \[ x + y^2 + z^2 = 2 \]