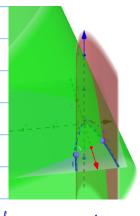
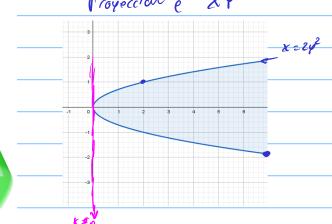
Pregunta 5

242=x , Z=0 , x+ly+7=4

Projection e XY





Mecesitamos los cortes coordo 200

X+2y=4 1 2y2 x

242024-4=0 as 4=1 42=-2

desperamon la 7 - 5 { Z = 4-x-2y } { z = 0 }

La regian en el plano xy

2y2 6x 64-2y -2 E y & 1

0 & 7 54-X-2Y

$$V = \int_{z}^{4-zy} (4-x-zy) dx dy$$

$$\sqrt{z} \int_{2}^{1} \left(4x - \frac{x^{2}}{2} - 2y \times\right) \frac{4-2y}{2y^{2}}$$

$$V = \left(\frac{1}{(4(4-24)) - (4-24)^{5}} - 54(4-54) + \frac{5}{(4-54)^{5}} - 54(54) + \frac{5}{(54)^{5}} - 54(54) + \frac{5}{(54)^{5}} + \frac{5$$

$$V = \int_{-2}^{1} \left(2y^{4} + 4y^{3} - 4y^{2} - 16y - \left(-2y^{4}\right)^{2} + 16\right) dy$$