Another enaughe of tank punging Elecuote a grant

Henris phenical tank tank proportions R=10\$ft x2+42+22=100 tank full of Benzene, with weightdensity Pro=56 ft3 the pump sits 2ft above the highest point on the tank How much work to empty? · Slice: a circular cross section perpendicular to y-axes 1/y> = x=1/100-y21 - r(y) radius of cros section Cross sectional area: A(y) = T(r(y))2 Weight force of cross section : Par (A(y)dy) distance travelal by: 12ft - y) Counds of integ: 0 to 10 ft W= (1256-y) (T (100-y2) Pw dy