ealesboard Leson 31 VELENYTSMURZU, SMUGNU, JOUU) 5 5255

x2+y202+22=U

 $-) x^2 + y^2 = w - 2^2$

x2+y2= 5-45

 $\sqrt{2} + y^2 = 215$ $\sqrt{5}$ $\sqrt{5}$ $\omega_5 Q = \left(\frac{5}{5}\right)^2$

d asie: 1)4 W = ()2 - W2

0 5 4 5 179 0 5 0 4 2 9

circle, r=1.

6)
$$\delta(\theta)u_{j}v) = (805000u) 55m v, (80)$$
 $\delta'(u,u) = (-55mu) 5000u) 55m v, (80)$
 $\delta'(u,u) = (0,0) 17$
 $\delta'(u,u) = 55mu 5000u$
 $\delta'(u,u) = 55mu 5000u$

C-96f =) 86004 650 8 0001 5NV -8 5MV -8 smysmj & SMU WS V = 60 smy 104520 A (69 smu du smu) + ? (64 smu sm² v) + h (64 ws 2 u wsu smu + 64 sn 2 wsu smu) 7. (64 smu smu) + 5 (85 m u sm² v) + p | 64 word sm u) 64 (smu ases anu)24 (sma ente)2+ (cosusmu)2/ 64 / sm2/4 cos2 u sm2v + cos2 u sm2u 64 / 63 A 5024 / 502 sin24 (wc2v sm2v + sm2v + coc2v) Surfane 2 = 8 cos @ () => N=ARNIS 8= 8 W Y => NIOV

$$\int_{0}^{1} \int_{0}^{1} \int_{0$$

 $\int_{0}^{\infty} \int_{0}^{\infty} \int_{0$ S (hencephere) S 48 5 m³ M dy Sm24. smy (1-6052 n) - smy 48×207) (1-cos24) smu du -smu du=dt $\frac{30}{48} \left(\frac{11}{2} - 2 \right) \left(\frac{12}{3} - 1 \right) = \frac{2}{48} \left(\frac{13}{3} - 1 \right) = \frac{11}{2}$ $-217\left(\frac{605^{3}u}{3}-6051\right)$ $-880\left(\frac{3}{3}-6051\right)$ 20/32-25 [3-1]= $2ii\left(\frac{2}{3}\right)=$

6 K Y E