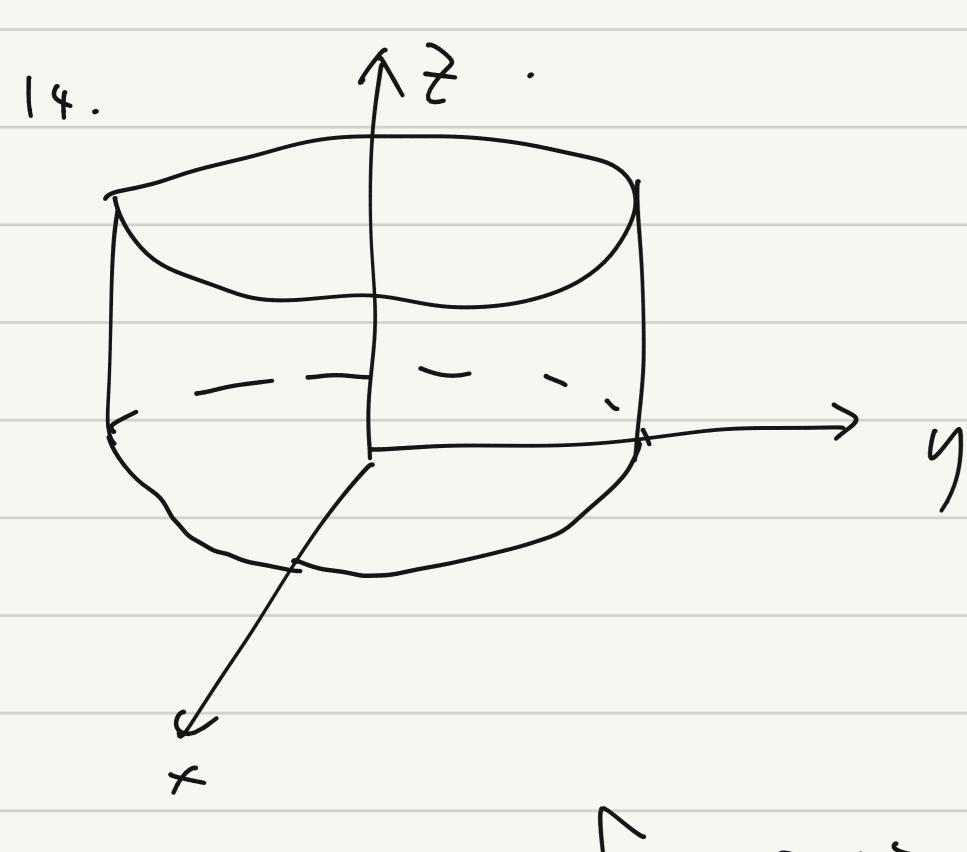
$$= 22$$
  $\int_{0}^{t} \rho^{2} \left(f(\rho) - f(0)\right) d\rho$ .

$$\lim_{t \to \infty} \frac{2t}{t^3} = \lim_{t \to \infty} \frac{2\pi t^2 + \frac{1}{2} \left( \frac{1}{2} \left( \frac{1}{2} \right) - \frac{1}{2} \left( \frac{1}{2} \right) \right)}{4t^3}$$

$$\frac{2}{2} \int_{-\infty}^{\infty} \frac{1}{2} \left( \frac{1}{2} \left( \frac{1}{2} \left( \frac{1}{2} \left( \frac{1}{2} \right) - \frac{1}{2} \left( \frac{1}{2} \right) \right) \right) - \frac{2}{2} \int_{-\infty}^{\infty} \frac{1}{2} \left( \frac{1}{2} \left( \frac{1}{2} \right) - \frac{1}{2} \left( \frac{1}{2} \right) \right) dt}{2} dt$$



2x+2y+1dW

z / 1 d / = (+7v.

 $-\int \sum_{x} \frac{(x_{1}+y_{1}+5_{2})^{\frac{1}{2}}}{x^{2}+y_{1}+5_{2}} \frac{(x_{2}+y_{1}+5_{2})^{\frac{1}{2}}}{(x_{3}+y_{1}+5_{2}-7x_{3})^{\frac{1}{2}}}$ 

2 × dy dz + ---

 $=\frac{1}{5^3}\int_{3}^{3} dV = \frac{1}{5^3}\int_{3}^{4} \frac{4\pi}{3} = 4\pi$ 

$$|z| = \int x + y + z dv$$

$$= \int x dv$$

$$= \int x + z dv$$

$$= \int x +$$

$$= \frac{3}{2} \int_{0}^{1} \frac{2^{1}-2^{3}}{2^{2}-2^{3}} dz = \frac{1}{8}$$

13. 
$$3$$

$$\int z \, dx \, dy = \int_0^3 dz \int_0^1 \sqrt{1-y^2} \, dy$$

$$\int y \, dx \, dz = \int_0^3 dz \int_0^1 \sqrt{1-x^2} \, dx$$
32

