$$= \frac{\partial}{\partial x} \times + \frac{\partial}{\partial y} \times y + \frac{\partial}{\partial z} z$$

$$=1+x+1$$

$$\int_{S} F \cdot n dA = \int_{Z=0}^{5} \int_{\theta=0}^{2\pi} \int_{r=0}^{r} (2 + r \cos \theta) r dr d\theta dz$$