Which of the following answers nonsense. Explain!

1. $\int_0^\pi \int_{-1}^1 r \cos \theta \, dr \, d\theta$ (in polar coordinates)

2. $\int_0^\pi \int_0^3 r \cos \theta \, dz \, dr \, d\theta$ (in cylindrical coordinates)

3. The tangent plane to the surface $z = x^2 + y^2$ at $(1,1,2)$ is $z = 2 + 2(x - 1) + 2(y - 1)$.

4. For some vector field $\mathbf{F}$, $\text{div} \, \mathbf{F} = \langle x, y, z \rangle$

5. For some vector field $\mathbf{F}$, $\text{curl} \, \mathbf{F} = \sin(x + y + z)$

6. The arclength of a certain curve equals $-5$.

7. The volume of a certain solid body equals $-11.1$.

8. The volume-integral of a certain function over a certain solid-body equals $-11.1$.

9. The line-integral of a certain scalar function over a certain curve equals $-7$.

10. $\sin^{-1}(2)$. 