1. Find the angle (in degree) between two vectors $u = (0, 1, 1)$ and $v = (0, 2, 0)$.

2. Find the area of the triangle with vertices at $A(0, 1, 2)$, $B(-1, 0, -1)$, $C(2, 1, 0)$.

3. Find the equation of the line passing through the origin and perpendicular to the plane $2x - 3y + z - 4 = 0$.

4. What is the name of the surface $z = x^2 + 4y^2$?