

1. What is the equation of the tangent plane to the surface

$$z = x^2 + y^2$$

at the point (1,1,2)?

A. $z = 2x + 2y + 1$

B. $z = 2x + 2y - 1$

C. $z = x + y + 1$

D. $z = x + y - 1$

Answer: A