Name: Sharing Tybal Course Code: AS121 Course Title: Calculus and Analytic Quiz: 1 Student 10288-8960 Question No-1 1 A(-3,2), B(-1,-2)Bolution: SO, $=\Delta x = -1 - (-3)$ d=14+16 Dy = 18 - 1/4 for Distance: α=√(Δx)²+(Δy)²

A(-1,-2), B(-3,2) Solution: = 2 - (-2) for Distance $d = \sqrt{(-2)^2 + (4)^2}$ d = 14+16 d = 120 (-3.2, -2), B(-8.1, -2)Solution. x = -8.1 -(-3.2)

$$\Delta y = -2 - (-2)$$

$$\Delta y = 0$$

$$\Delta z = \sqrt{(-4.9)^2 + (0)^2}$$

$$\Delta z = \sqrt{24.01}$$

$$\Delta z = \sqrt{9}$$

$$A(\sqrt{2}, 4), B(0, 1.5)$$
Solution
$$\Delta x = 0 - \sqrt{2}$$

$$\Delta x = -\sqrt{2}$$

$$\Delta x = -\sqrt{2}$$

$$\Delta y = 1.5 - 4$$

$$\Delta y = -2.5$$

$$\Delta z = \sqrt{(-52)^2 + (-2.5)^2}$$

$$\Delta z = \sqrt{6.25}$$

$$\Delta z = \sqrt{8.25}$$

$$\Delta z = \sqrt{8.25}$$

$$\Delta z = \sqrt{8.25}$$

$$\Delta z = \sqrt{8.25}$$

$$\Delta z = \sqrt{8.25}$$