

aa

$$A [2, 0, 3] \quad B [3, -2, 0]$$

$$B - A = (1, -2, -3)$$

$$\int : \underline{x - 2y + z = 9}$$

$$x = 2 + t \quad = 2 + t$$

$$y = 0 + t(-2) = -2t$$

$$z = 3 + t(-3) = 3 - 3t$$

$$2 + t - 2(-2t) + (3 - 3t) = 9$$

$$\underline{2+t} + \underline{4t} + \underline{3-3t} = 9$$

$$2t = 4$$

$$t = 2$$

$$P [4, -4, -3]$$