

Practice Questions

Q2. True/False: The point $(1, 2)$ lies inside the circle $x^2 + y^2 - 2x + 6y + 1 = 0$.

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S2. Recall from lec-2 that we just simply have to put substitute coordinates in the circle equation. So,

$$x^2 + y^2 - 2x + 6y + 1 = 1^2 + 2^2 - 2 + 6 \times 2 + 1 = 16 > 0$$

Since value is positive, we can say that point is lies outside of the Circle. So it is a FALSE statement.