748281-13.2-8PQ AID: 181155 | 27/12/2020

The points given is on cylinder if it satisfy the equation of given cylinder



(a) 

We substitute the point  in equation of cylinder  and check if it satisfies the equation.



So, point  does not satisfy equation of cylinder.



(b) 

We substitute the point  in equation of cylinder  and check if it satisfies the equation.





748281-13.2-8PQ AID: 181155 | 27/12/2020

(c) 

We substitute the point  in equation of cylinder  and check if it satisfies the equation.





(d) 

We substitute the point  in equation of cylinder  and check if it satisfies the equation.





(e) 

We substitute the point  in equation of cylinder  and check if it satisfies the equation.





748281-13.2-8PQ AID: 181155 | 27/12/2020

(f) 

We substitute the point  in equation of cylinder  and check if it satisfies the equation.



