748281-13.2-33E AID: 181155 | 27/12/2020

General equation of a sphere centred at point  and radius is given by



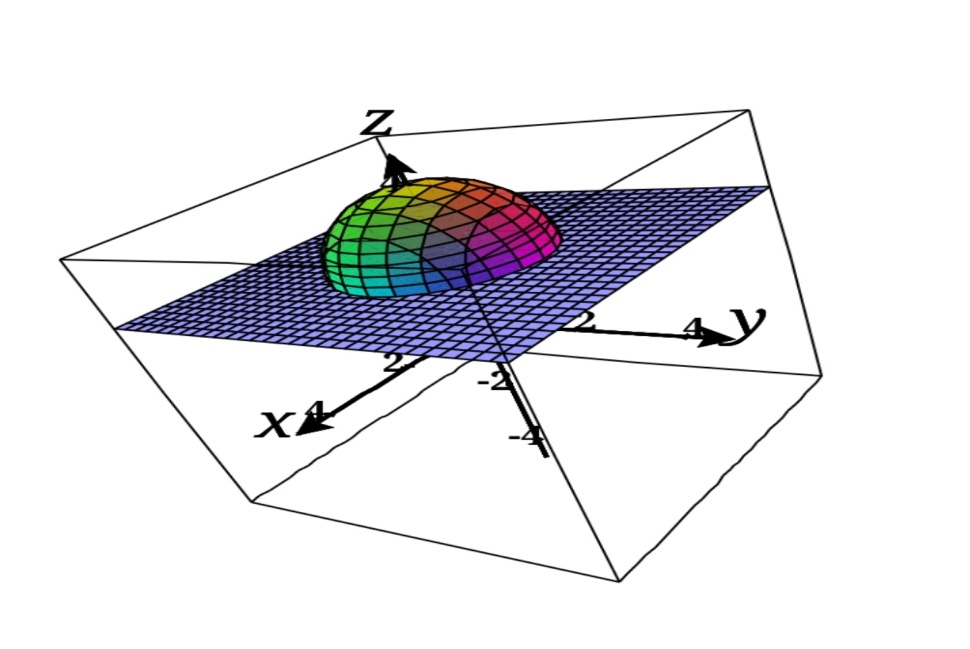
So, surface  can be written as 

This is a sphere of radius 2 and centre.

Now, the inequality  denotes the portion above the plane 

**So, surface  with  is**

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