



The diagram illustrates the relationship between a 3D point and its 2D projections. The 3D point is defined by its coordinates (x, y, z) . The projection onto the xy -plane is a 2D point (x, y) , and the projection onto the yz -plane is a 2D point (y, z) . The xy -plane is the horizontal plane, and the yz -plane is the vertical plane. The x -axis is horizontal, the y -axis is vertical, and the z -axis is depth.

QUESTION



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