

Q4) Define:

1) Coordinate Axes

Ans A Cartesian coordinate system in a coordinate system that specifies each point uniquely in a plane by a set of numerical coordinates, which are the signed distance to the point from two fixed perpendicular oriented lines, measured in the same unit of length.

46) ii) 8 Octants :-

An octant in solid geometry is one of the eight divisions of a Euclidean three-dimensional coordinate system defined by the signs of the coordinates. It is similar to the two-dimensional quadrant and the one-dimensional ray. The generalization of an octant is called orthant.