



The coordinates of a point  $P$  in a 3D coordinate system are given by the ordered triple  $(x, y, z)$ , where  $x$ ,  $y$ , and  $z$  are the distances from the point to the  $yz$ -plane,  $xz$ -plane, and  $xy$ -plane, respectively.

## EXERCISES



The coordinates of a point  $P$  in a 3D coordinate system are given by the ordered triple  $(x, y, z)$ , where  $x$ ,  $y$ , and  $z$  are the distances from the point to the  $yz$ -plane,  $xz$ -plane, and  $xy$ -plane, respectively.