Fall 2017 Exam 2 11:40 humber 3
The set of points in 3-space that
Satisfies both

Z=4 and $(X-1)^2 + (y-2)^2 + (z-3)^2 = 16$ is the circle which is the intersection of the Plane Z=4 (Parallel to the xy-plane by t 4 usits higher)
Plane Z=4 (Parallel to the xy-plane by t 4 usits higher)
and the Sphere with Center (1,2,3) and radius 4;

