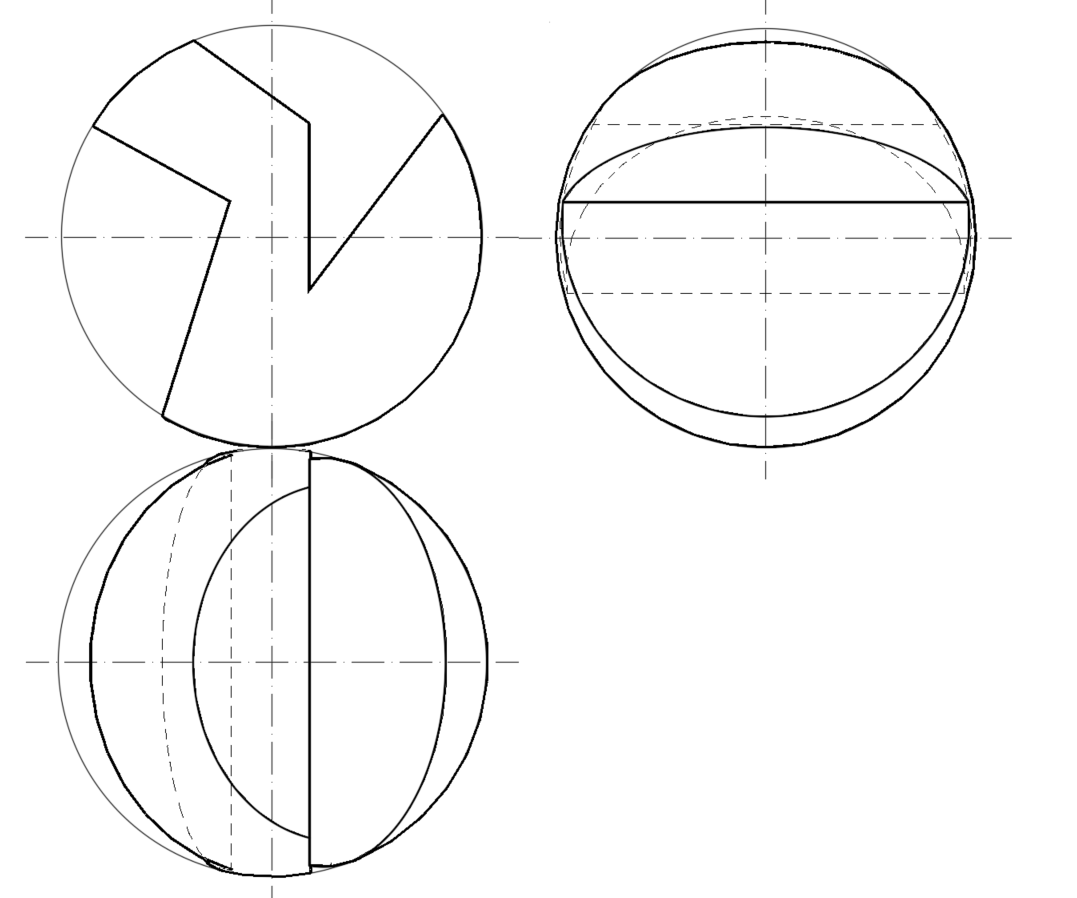
***Result:***

Frontal, horizontal and profile projections of the sphere cut with 5 planes (A3 size, scale 1:1)



Answers to questions 1-4:

1. Planes α and δ are not mutually parallel, they intersect below the sphere.
2. If the planes β and ε mutually intersect, it would break the sphere's outline, because these 2 planes intersect outside of the solid.
3. Planes γ and ε also mutually intersect outside of the sphere.
4. The brake in the sphere’s outline will be wider between the planes γ and ε.