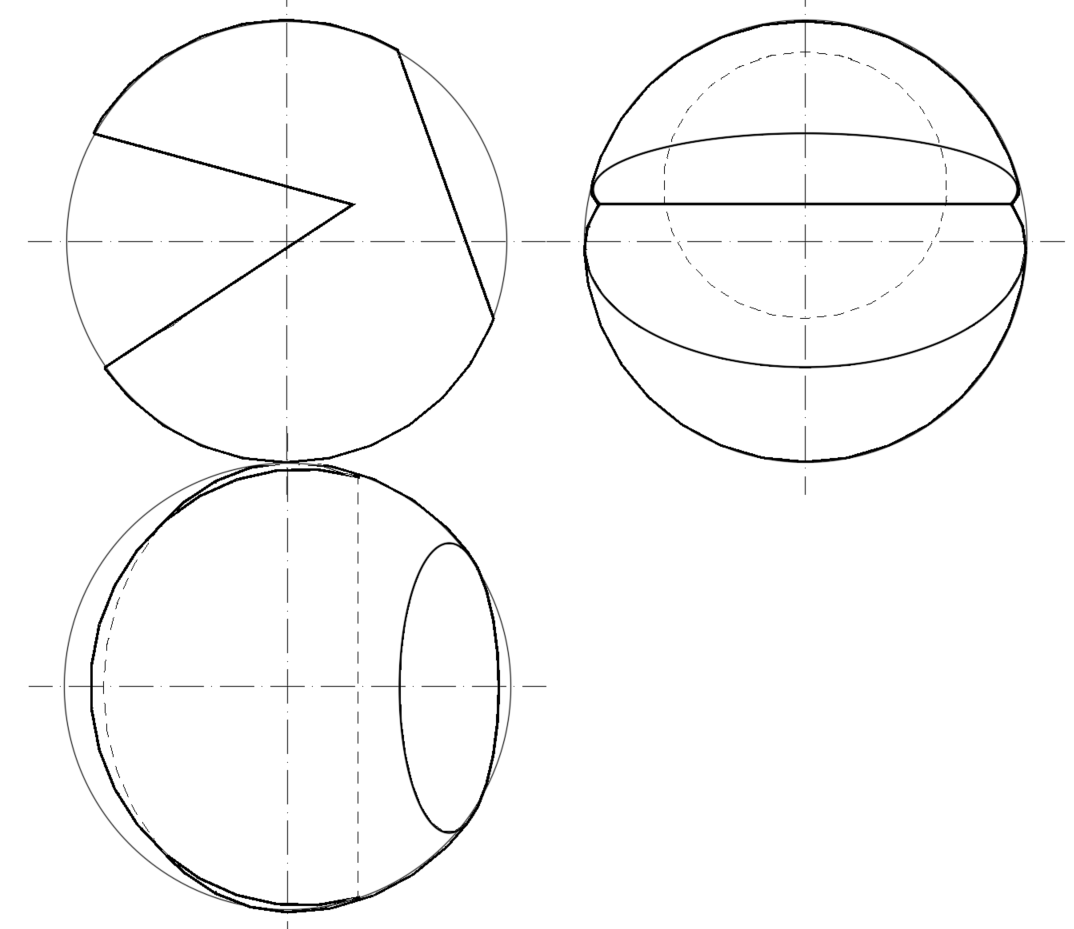
***Result:***

Frontal, horizontal and profile projections of the sphere cut with 3 planes (A3 size, scale 1:1)



Answers to questions 1-4:

1. All planes form circle-sections.
2. Plane α, plane β, plane γ.
3. Plane α intersect with the planes β and γ within the sphere.
4. No, it is not possible, the diameter of the circle-section can be only less or equal to the sphere’s diameter.