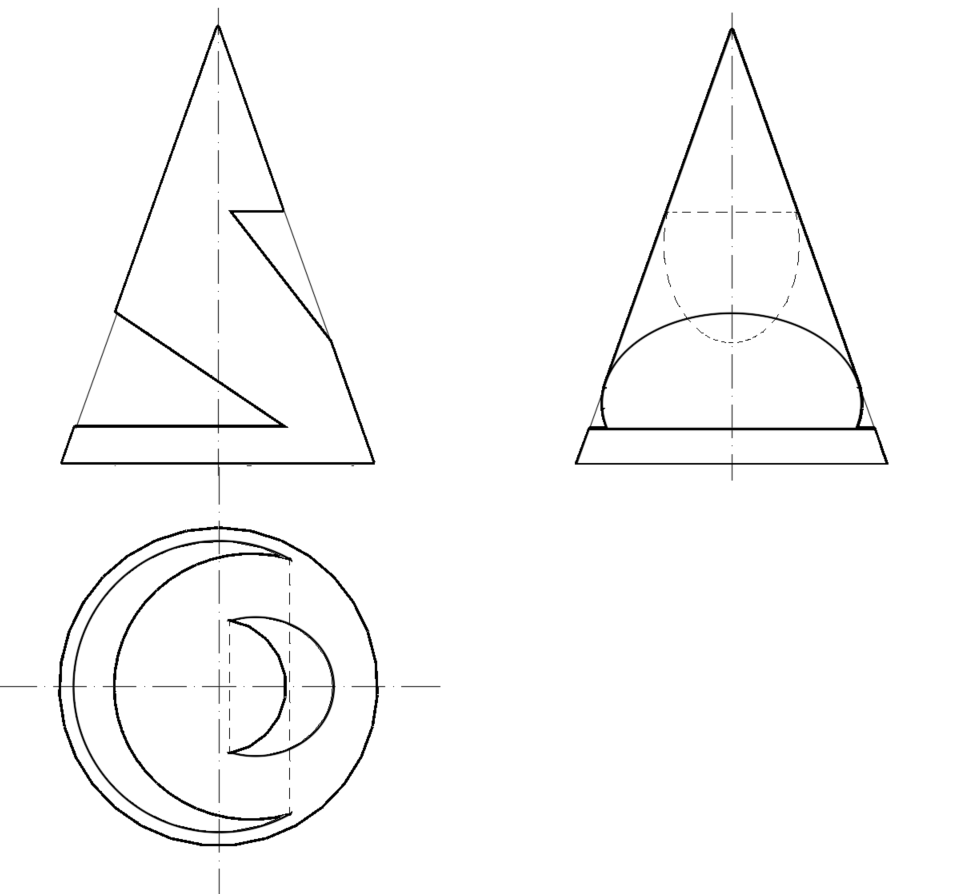
***Result:***

Frontal, horizontal and profile projections of the cone cut with 4 planes (A3 size, scale 1:1)



Answers to questions 1-4:

1. Planes α and δ are mutually parallel. They cannot intersect.
2. Planes β and γ are not mutually parallel. The intersect on the right side of the cone.
3. Types of sections: α - circle, β - ellipse, γ - ellipse, δ – circle.
4. If a vertical plane cuts through the apex of the cone, it would form a triangle-section.