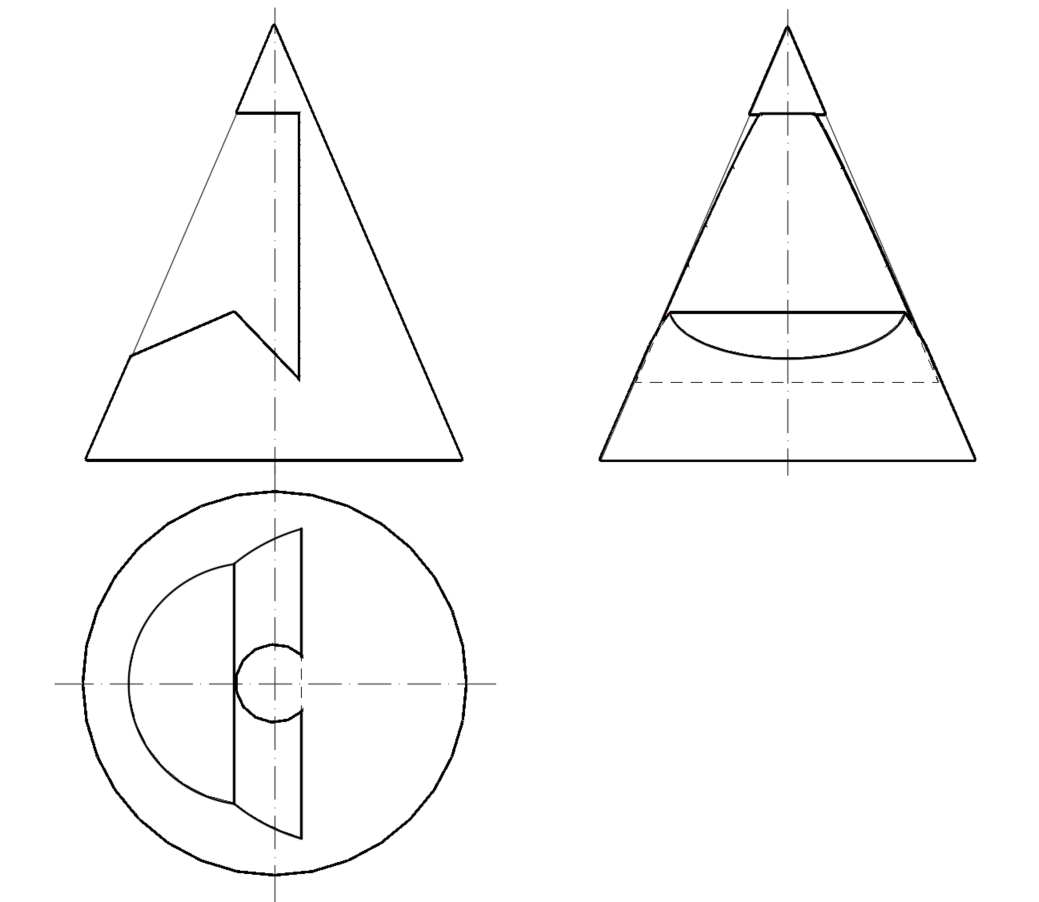
***Result:***

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 β are mutually perpendicular.

The angle between them is 90°.

1. Planes γ and δ are not mutually perpendicular.

The angle between them is obtuse.

1. Types of sections: α - circle, β - hyperbola, γ - ellipse, δ – ellipse.
2. If a vertical plane cuts through the apex of the cone, it would form a triangle-section.