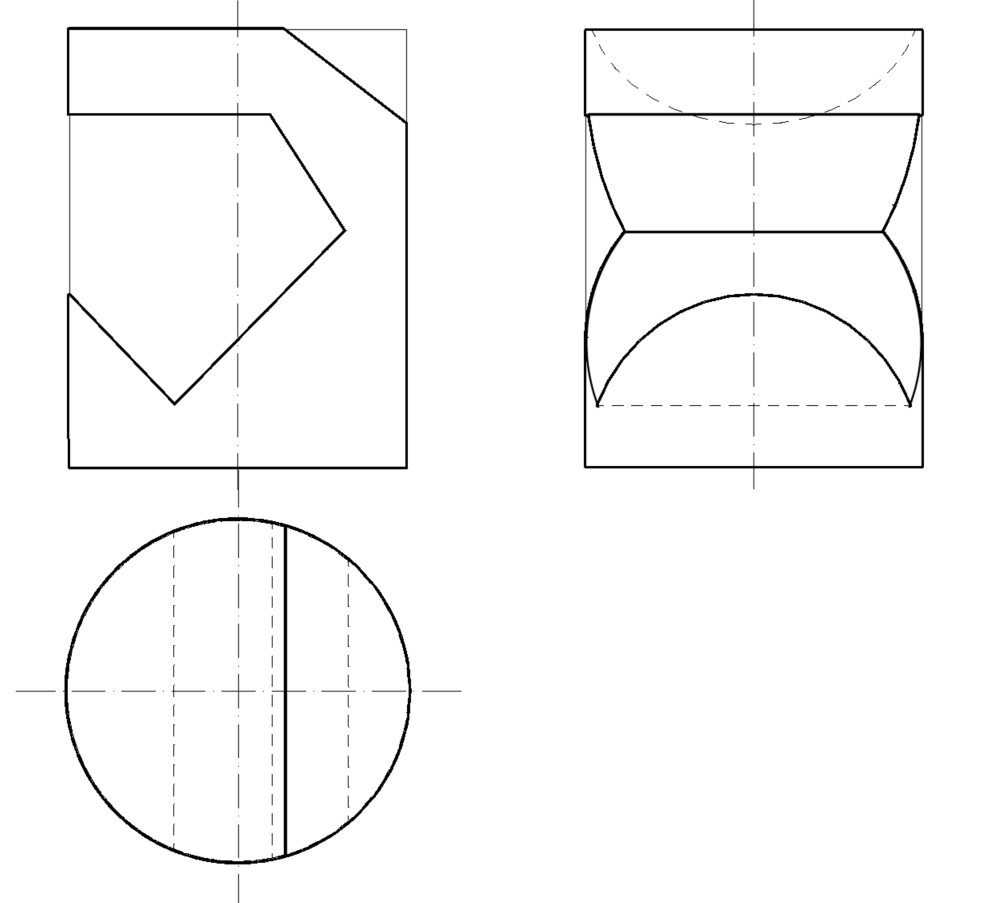
***Result:***

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



Answers to questions 1-4:

1. Following pairs of the planes mutually intersect within the outline of the cylinder: α + β, β + γ, γ + δ, δ + ε.
2. Following pairs of the planes mutually intersect outside of the solid: α + γ, α + δ, α + ε, β + δ, β + ε, γ + ε.
3. Types of sections: α - ellipse, β - circle, γ - ellipse, δ - ellipse, ε - ellipse.
4. Plane β (circle, ratio = 1) -> plane α -> plane ε = plane δ -> plane γ (the largest ratio between the axes of the ellipse).