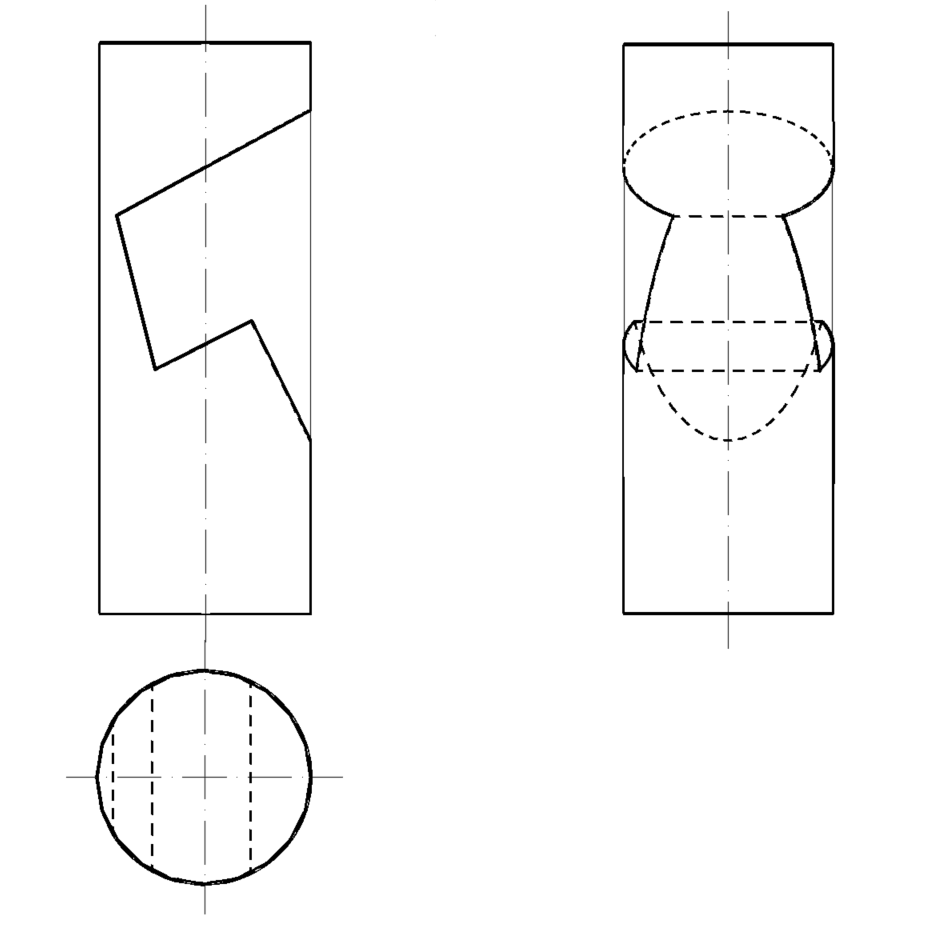
***Result:***

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



Answers to questions 1-4:

1. Planes α and γ are not mutually parallel. They intersect on the left side below the cylinder.
2. Planes β and δ are not mutually parallel. They intersect on the left side above the cylinder.
3. Types of sections: α - ellipse, β - ellipse, γ - ellipse, δ – ellipse.
4. Ellipse-section belonging to the plane β has the largest surface area, because its angle of inclination to the longitudinal axis of the cylinder is the smallest.