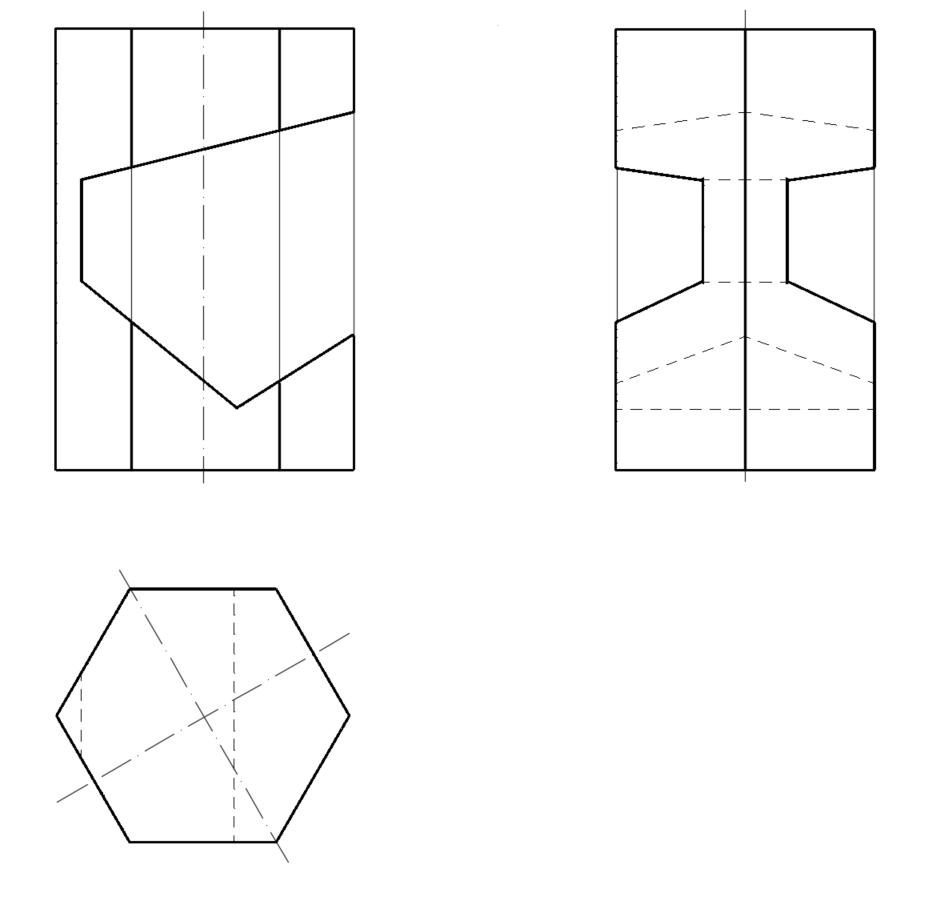
***Result:***

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



Answers to questions 1-5:

1. Plane α – hexagon, plane β – rectangle, plane γ – heptagon, plane δ – pentagon.
2. Plane α intersects 6 edges, plane β – 4 edges, plane γ – 7 edges, plane δ – 5 edges.
3. Plane α intersects 6 faces, plane β – 4 faces, plane γ – 7 faces, plane δ – 5 faces.
4. Planes α and δ are are not mutually parallel. They intersect above the top of the prism.
5. Planes γ and δ are not mutually perpendicular. The angle between them is obtuse.