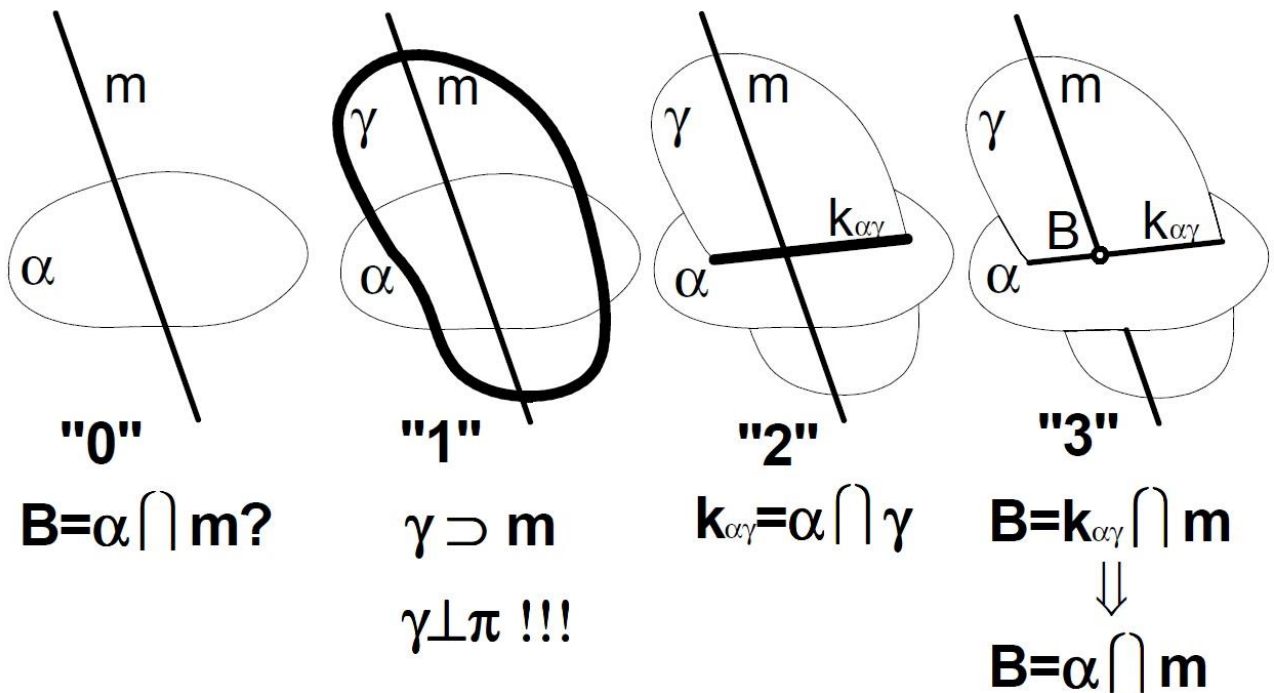


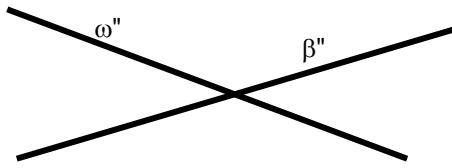
**INTERSECTIONS OF PLANES  
 PIERCING POINTS**

PROBLEMS							
23	24	25	26	27	28	29	30

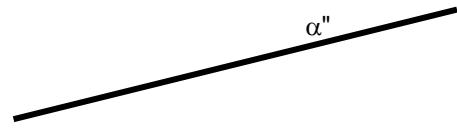
**Defining the point of intersection of a plane  
 pierced by a straight line (general)**



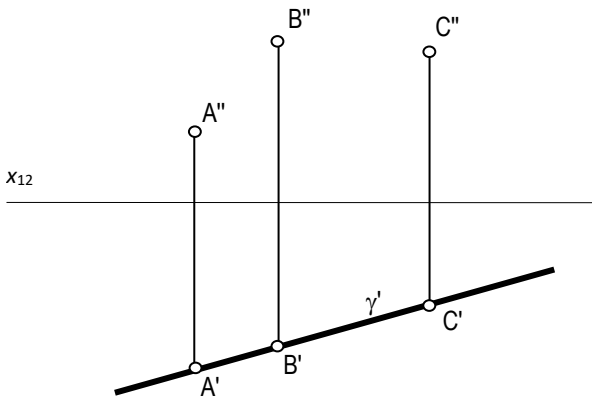
24. Find the edge of intersection of planes  $\omega \perp \pi_2$  and  $\beta \perp \pi_2$



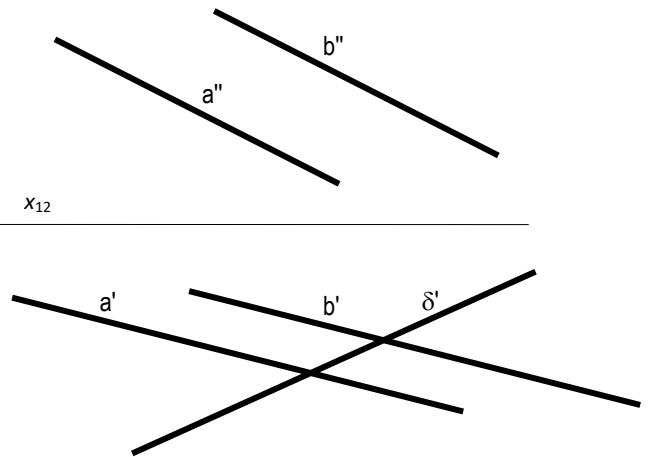
23. Find the edge of intersection of planes  $\alpha \perp \pi_2$  and  $\beta \perp \pi_1$



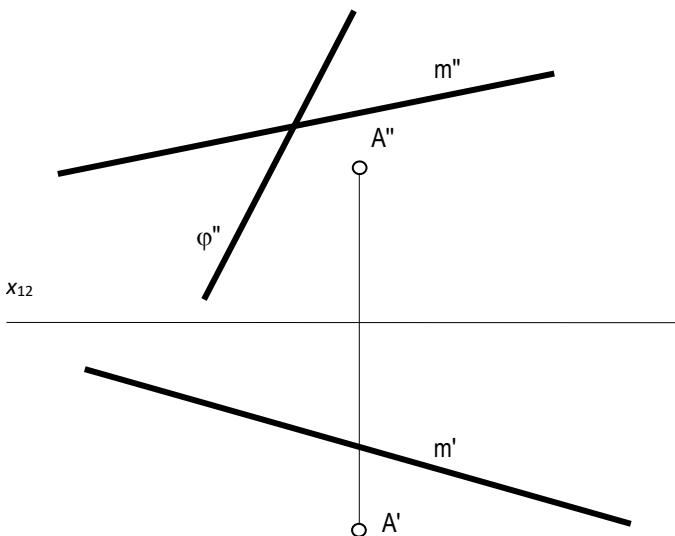
25. Find the edge of intersection of plane  $\gamma(A,B,C) \perp \pi_1$  and the horizontal projection plane  $\pi_1$



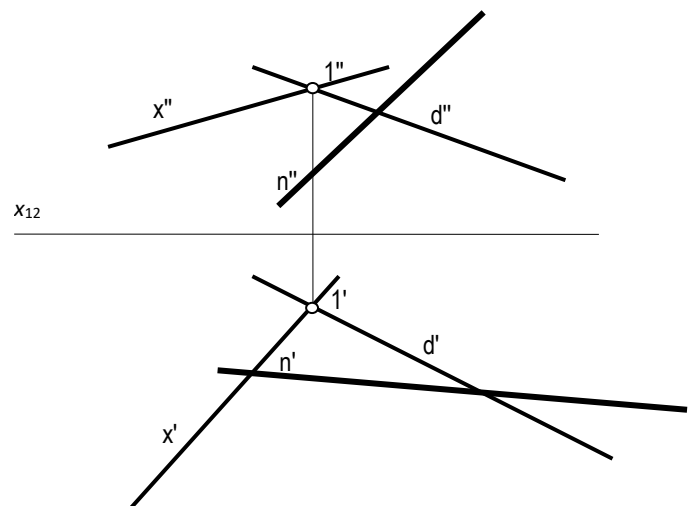
26. Find the edge of intersection of planes  $\delta \perp \pi_1$  and  $\beta(a,b), a \parallel b$



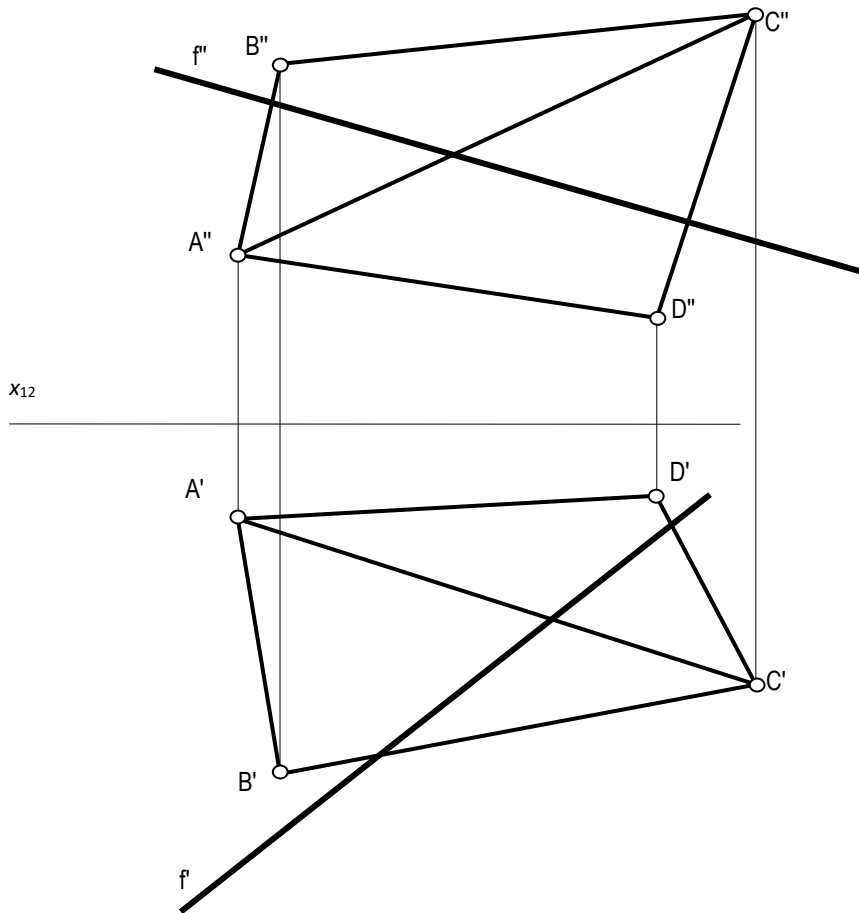
27. Find the edge of intersection of planes  $\phi \perp \pi_2$  and  $\xi(A,m)$



28. Find the point of intersection of line  $n$  and plane  $\alpha(x,d)$



29. A bent plate **ABCD** is located as shown in the drawing. The bend line is **AC**. A cable **XY** must pass through the bent plate. Determine the point or points where the cable will pass through the bent plate.



30. Find the edge of intersection **XY** of the triangle **ABC** and quadrangle **EFGH**. Mark the visible part of the triangle.

