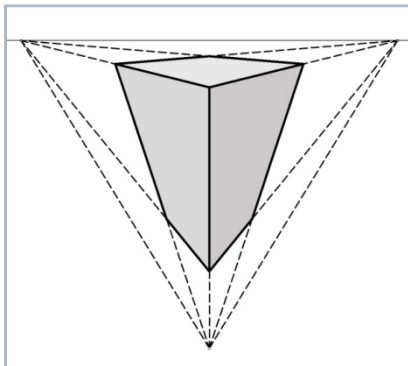




Universidade Federal do ABC

ESTO011-17 Fundamentos de Desenho Técnico



ECE Semana 02

Prof. Dra. Regina M S Carmo – CECS/UFABC
São Bernardo do Campo, 1º Quadrimestre 2020

Conteúdo

- Desenho de Perspectiva (continuação)
- Perspectiva Isométrica
 - Mais exemplos de aplicação

Desenho de perspectivas



perspectiva cônica

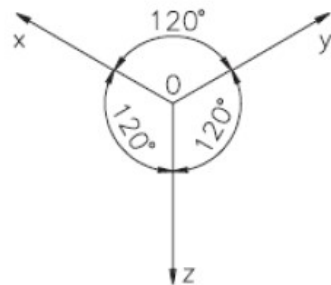


perspectiva cavaleira

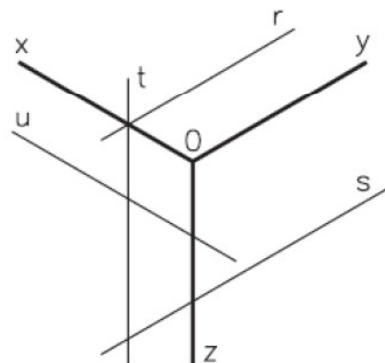


perspectiva isométrica

Perspectivas Isométricas



Eixos Isométricos

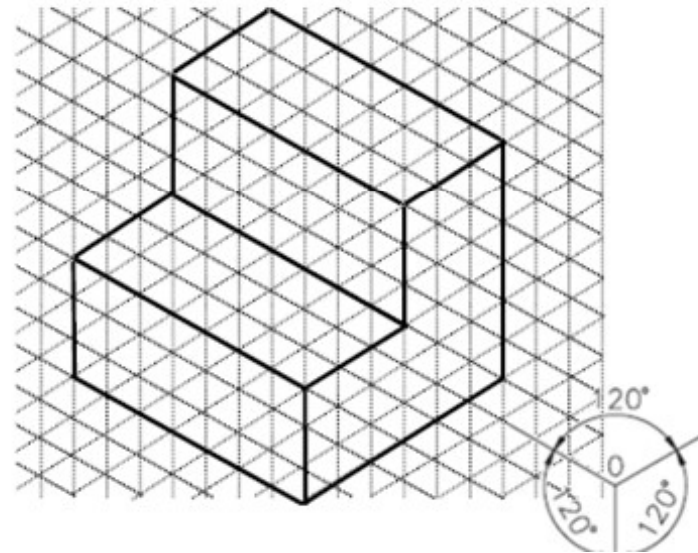
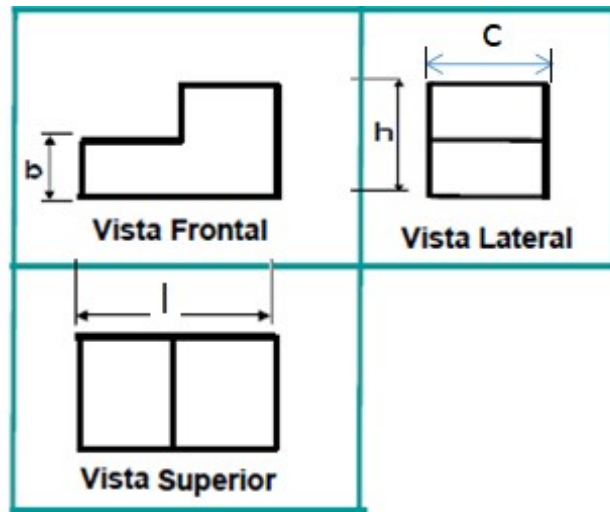


Qualquer reta paralela a um eixo isométrico é uma linha isométrica.

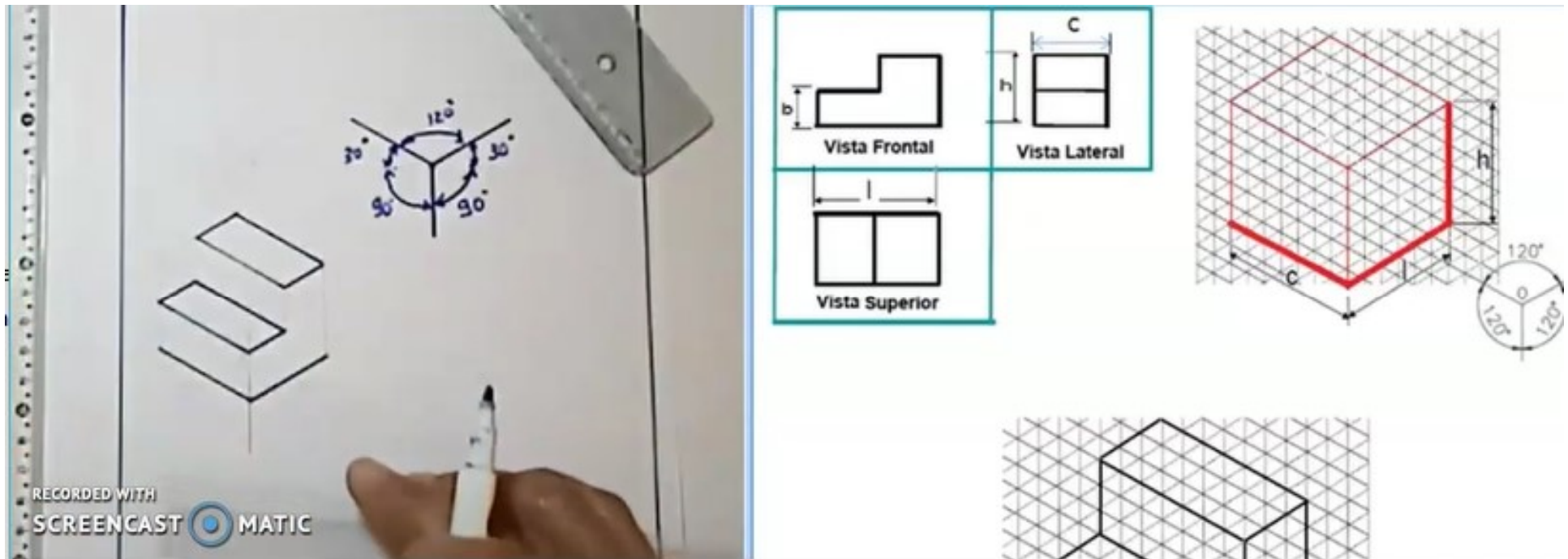


vídeo eixos.mp4

Isométricas a partir da Vistas Ortográficas



Isométricas a partir da Vistas Ortográficas

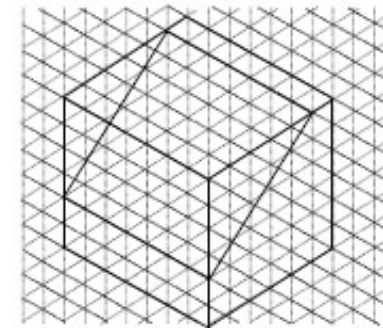
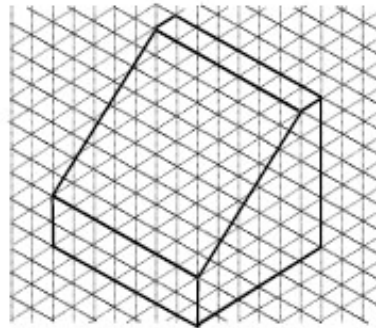
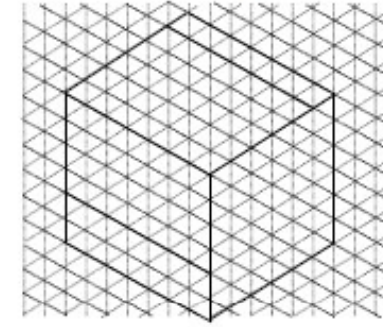
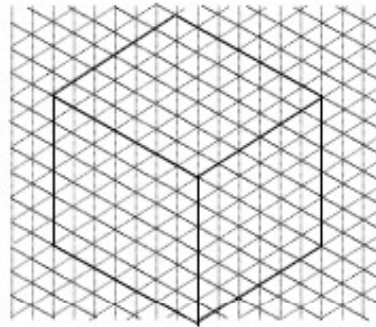
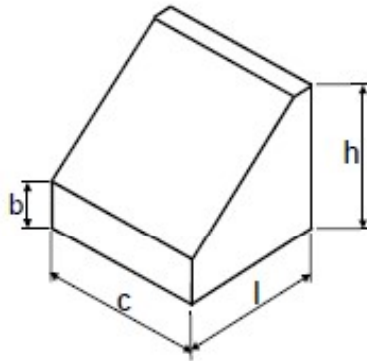


vídeo degraus.mp4

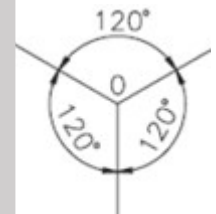
Desenho de perspectivas



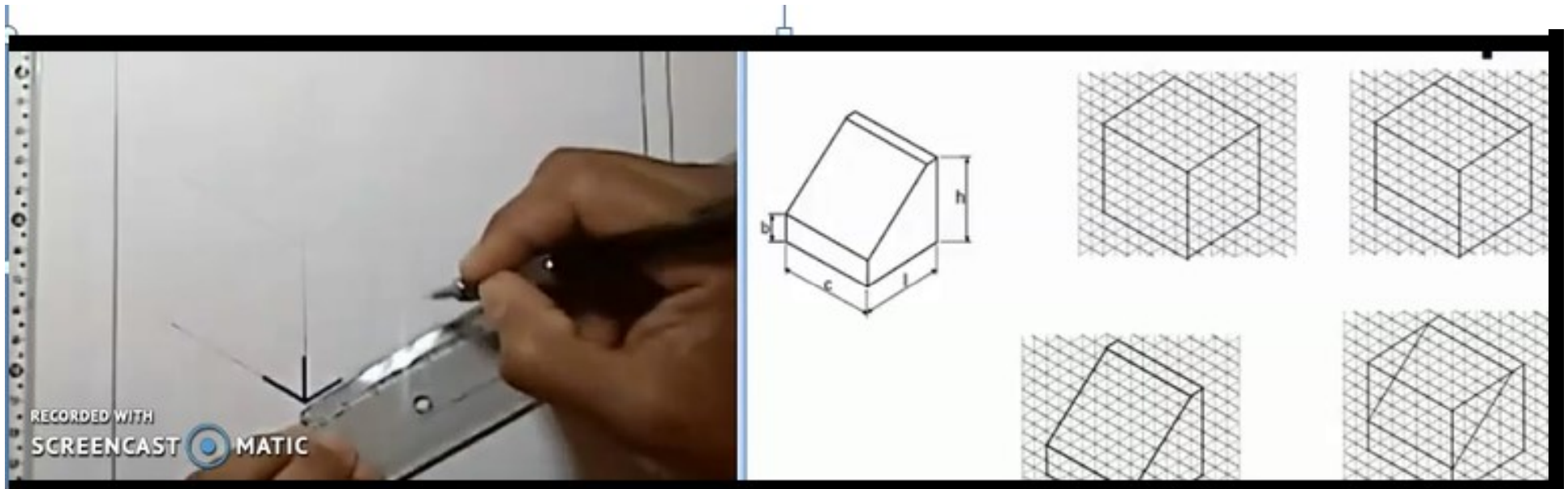
Traçado de planos oblíquos



Fonte: [//sites.google.com/site/desenhoeprojecto/](http://sites.google.com/site/desenhoeprojecto/)

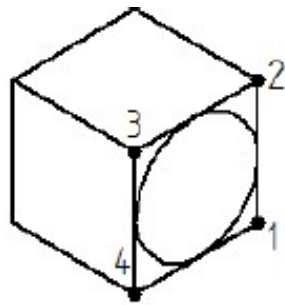


Desenho de perspectivas

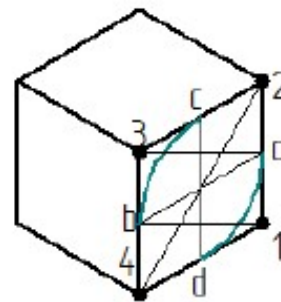


vídeo tambor.mp4

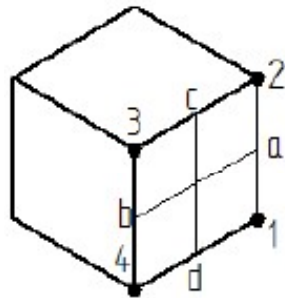
Círculos



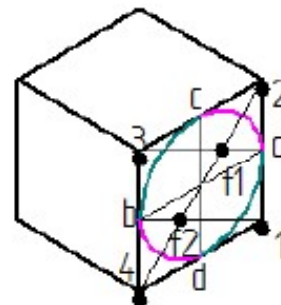
- Dada uma perspectiva isométrica e os vértices 1, 2, 3, 4.



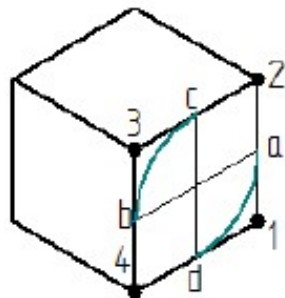
- Unir o vértice 3 ao ponto a.
- Unir os vértices 2 e 4.
- Unir o vértice 1 ao ponto b.



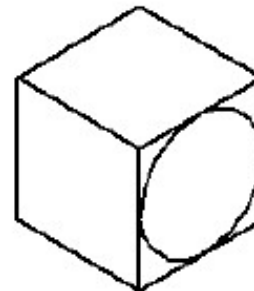
- Determinar os pontos médios (a, b, c, d) dos segmentos de reta.



- Centrar a ponta seca do compasso no ponto f1 e fazer abertura até o ponto c.
- Fazer o arco.



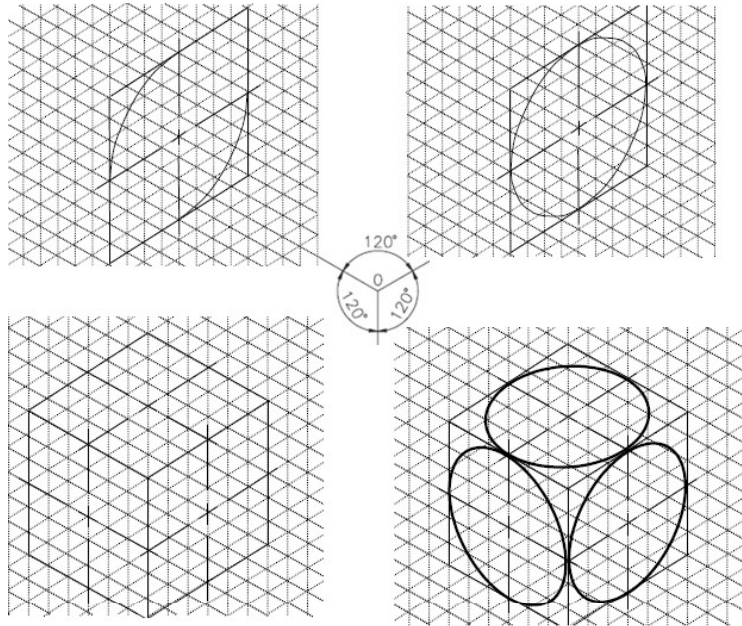
- Centrar a ponta seca do compasso no vértice 1 e fazer abertura até os pontos médios c e d.
- Fazer o arco.



- Apagar as linhas de construção

Use instrumentos adequados
(compasso, gabaritos, curvas)

Círculos

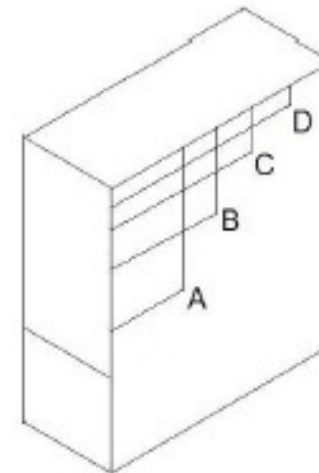
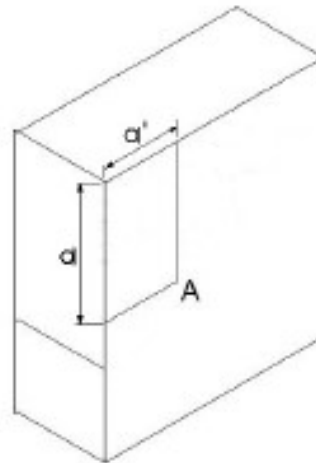
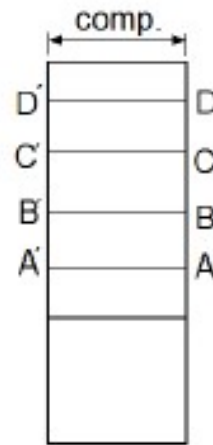
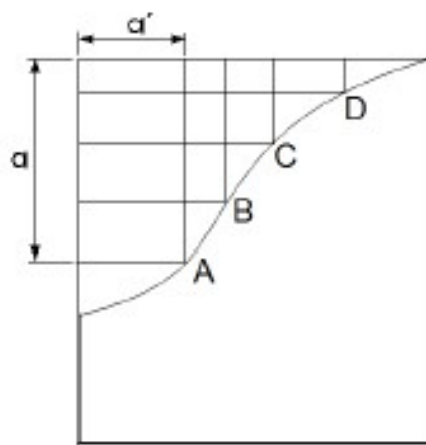


Use instrumentos adequados
(compasso, gabaritos, curvas)

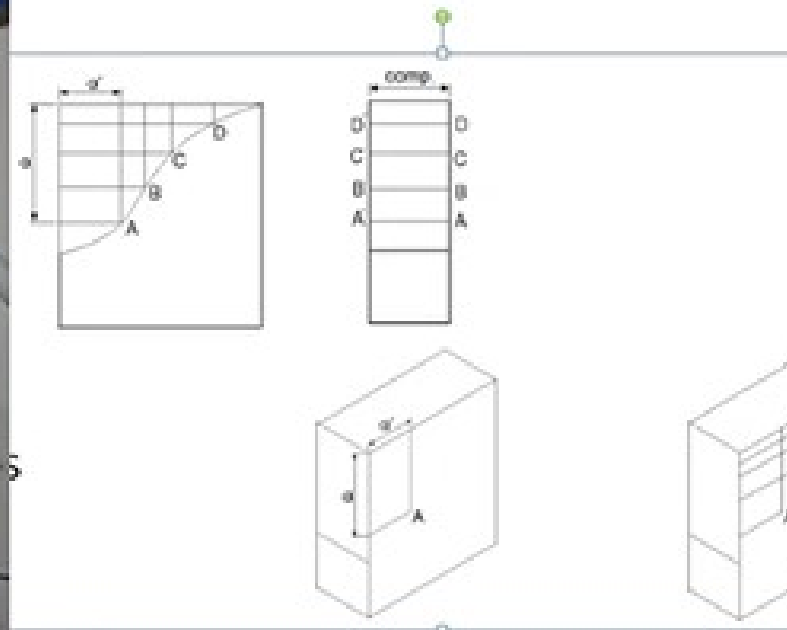
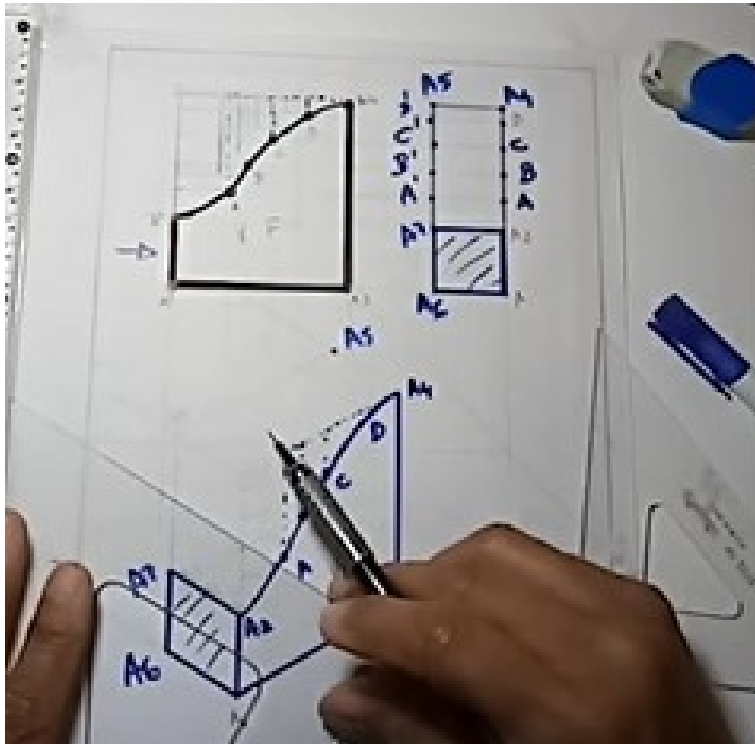


Vídeo circ_iso.mp4

Curvas Irregulares



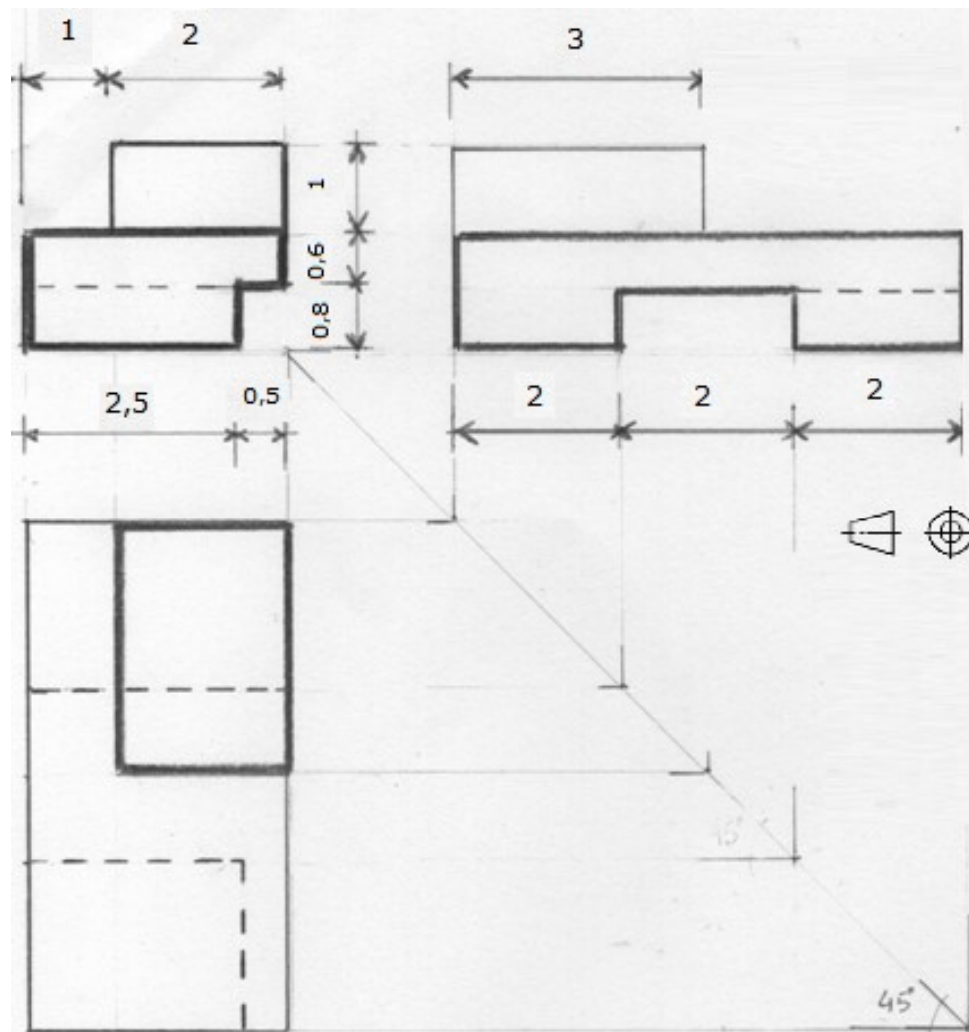
Curvas Irregulares



Vídeo porta_rev.mp4

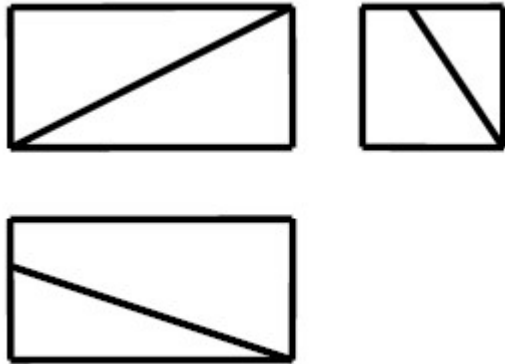
Exercício para Praticar

1)

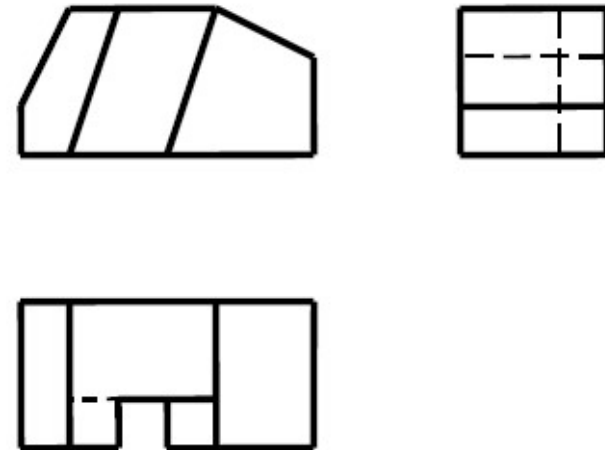


Exercício para Praticar

2)



3)



4)

