

# EXPRESSÕES GRÁFICAS

## AULA 05 – SISTEMAS DE PROJEÇÃO

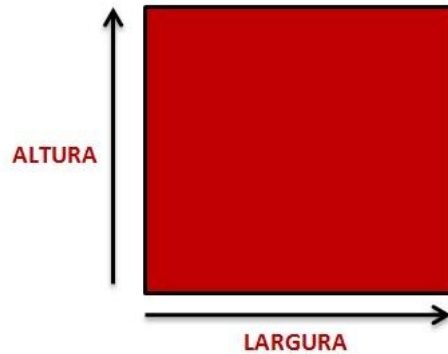
- Curso: Engenharia Civil
- Matéria: Expressões Gráficas

Prof.: Philipe do Prado Santos

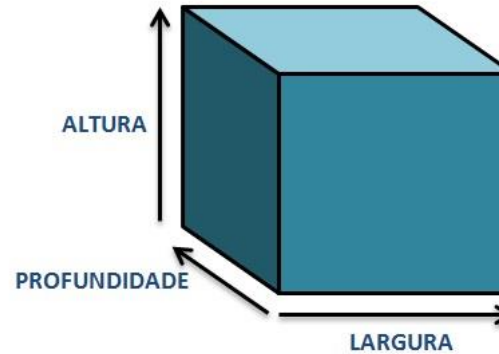
E-mail Institucional: [ppsantos.vic@ftc.edu.br](mailto:ppsantos.vic@ftc.edu.br)



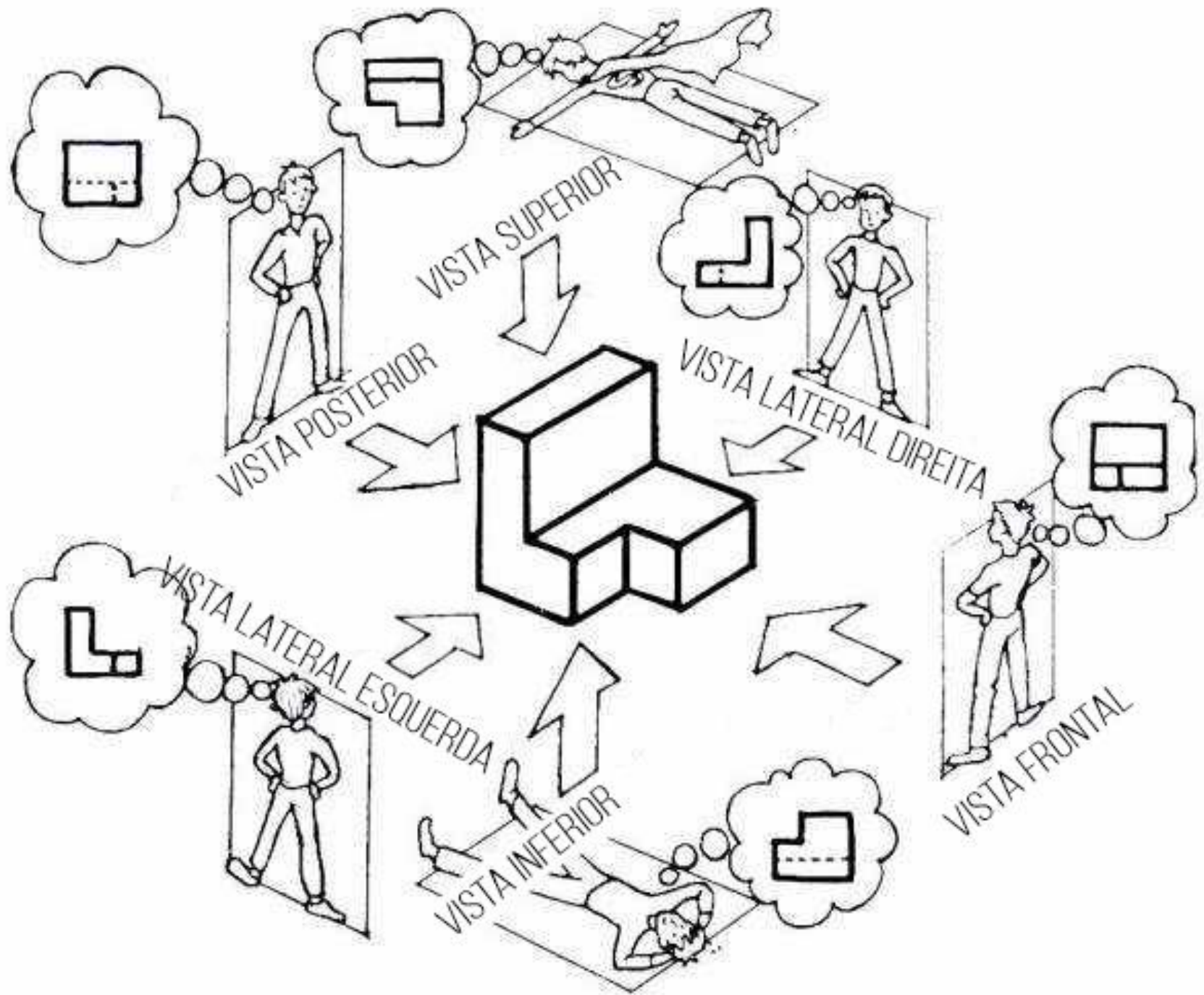
BIDIMENSIONAL - 2 DIMENSÕES

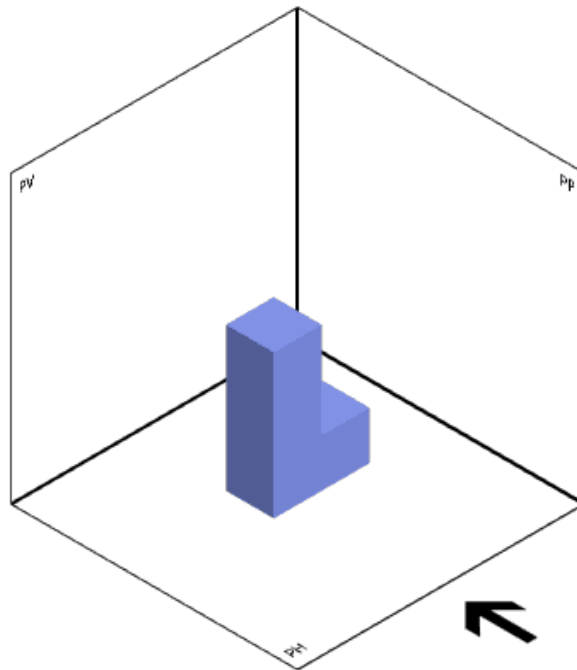
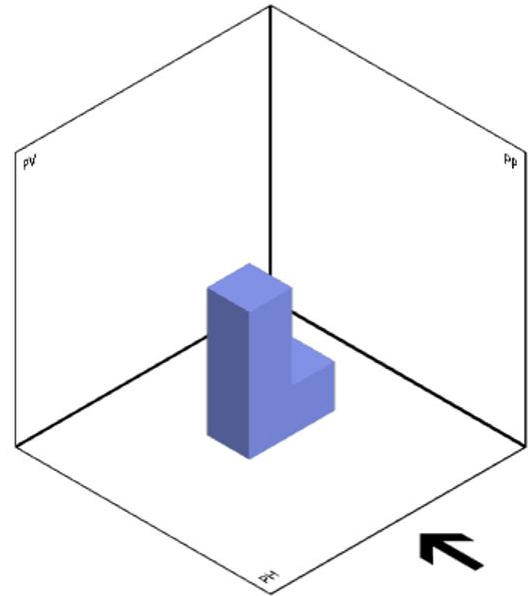


TRIDIMENSIONAL - 3 DIMENSÕES

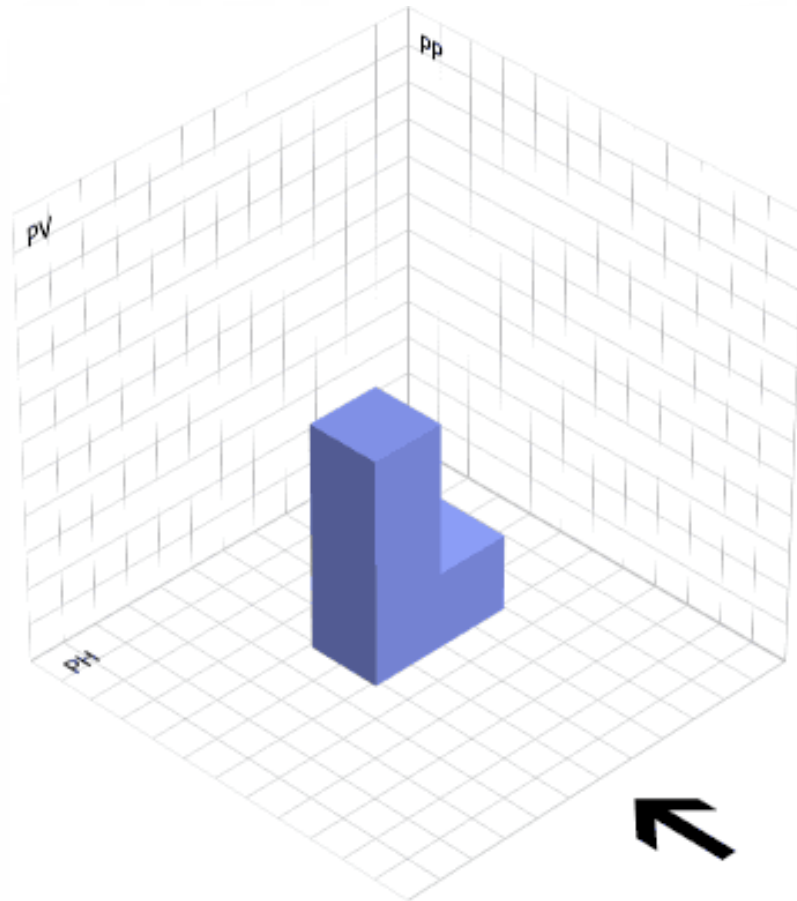


A projeção do objeto é sua representação gráfica no plano de projeção. Como os objetos têm três dimensões, sua representação será num plano bidimensional.

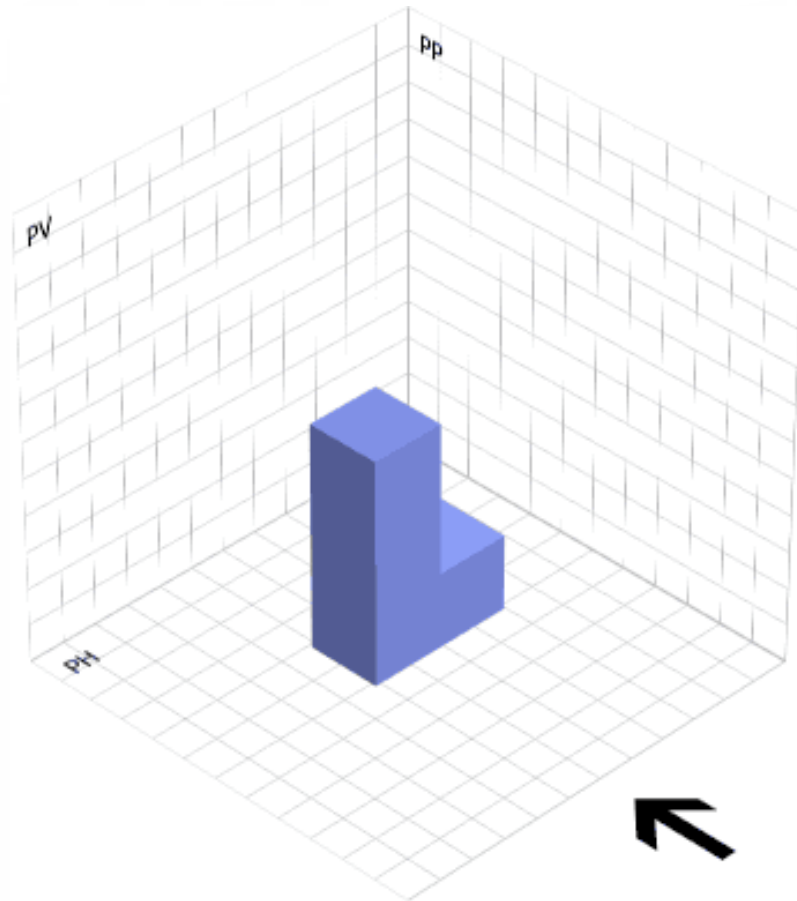




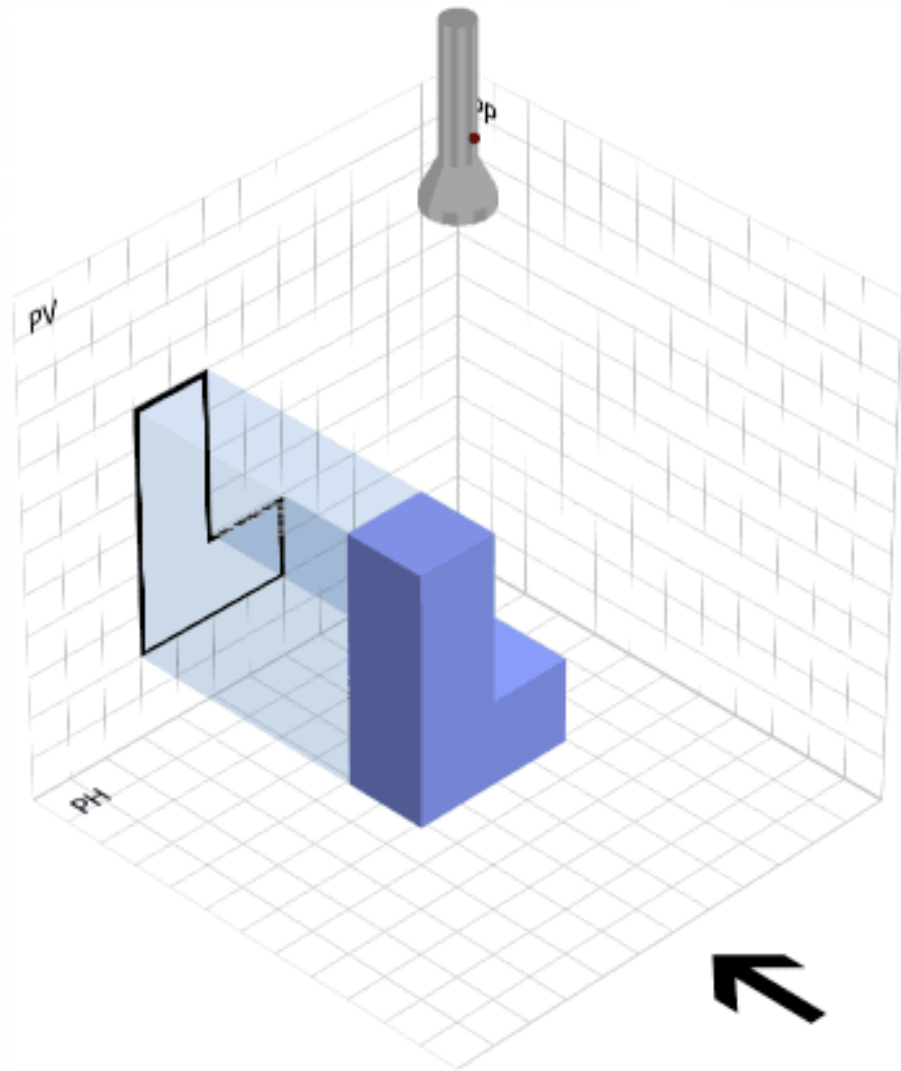
- Vista Frontal (VF)
- Vista Lateral Direita (VLD)
- Vista Lateral Esquerda (VLE)
- Vista Posterior (VP)
- Vista Inferior (VI)
- Vista Superior (VS)



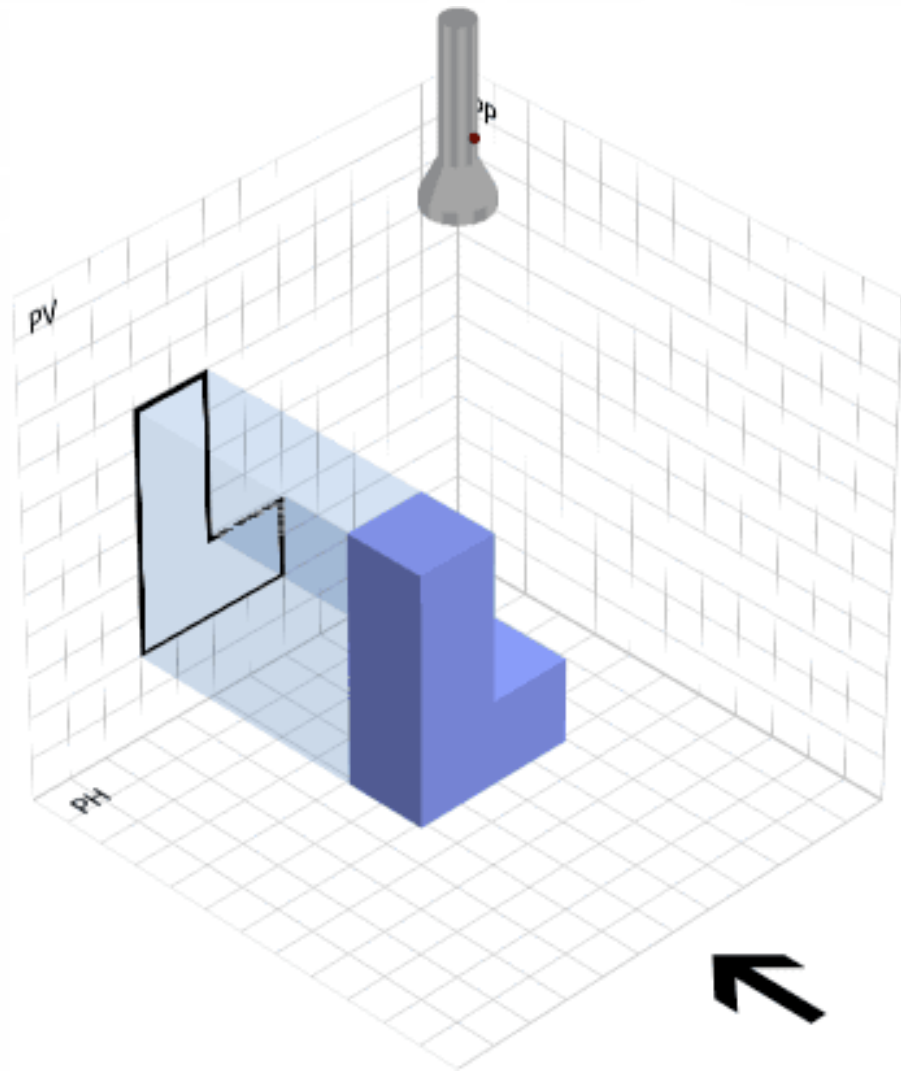
R E D E  
F T C



REDE  
FTC

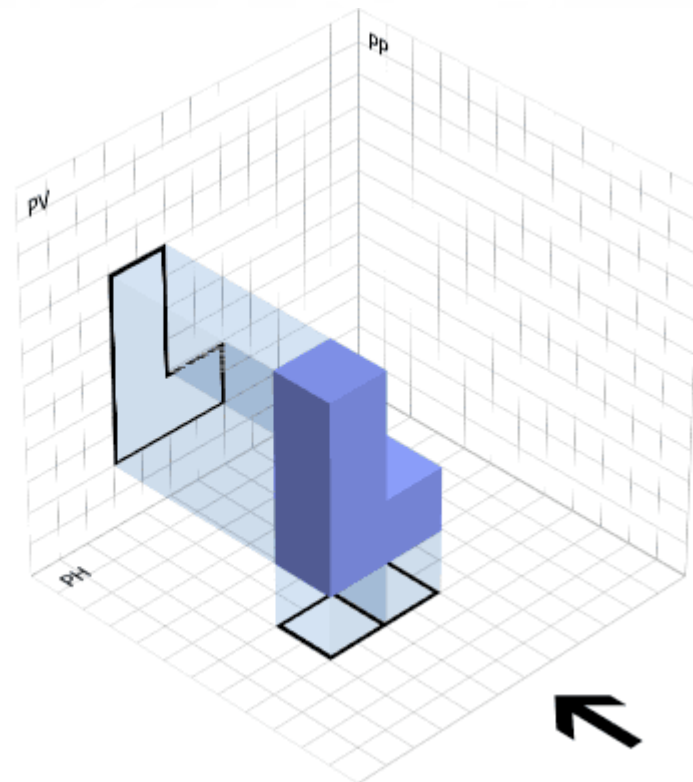


ESD

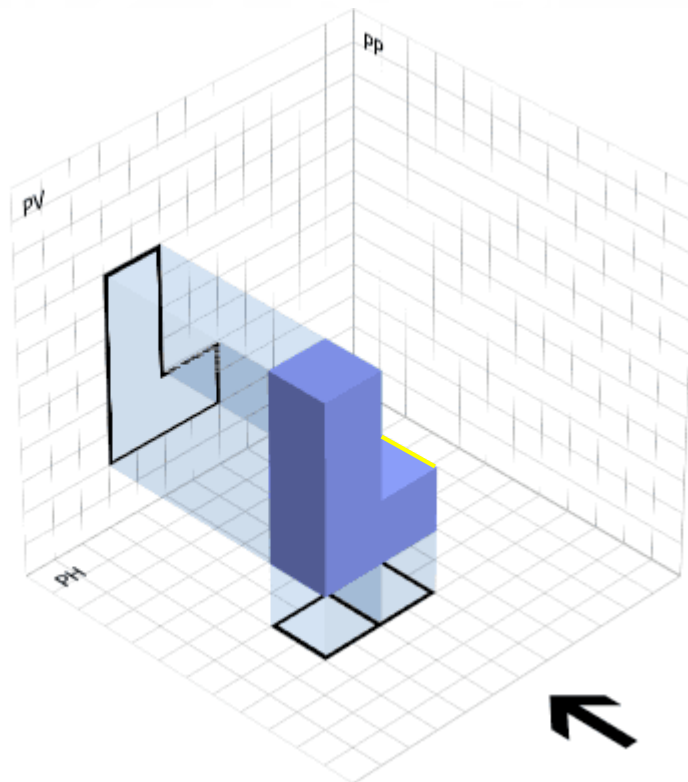


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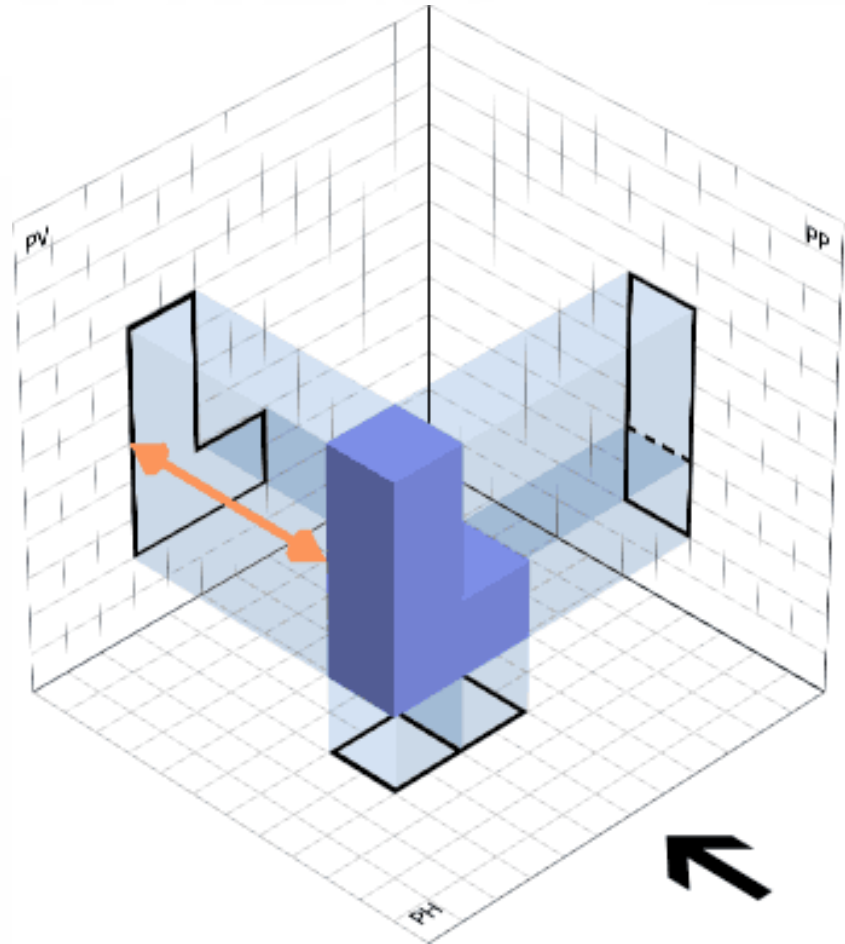


ARESTAS OCULTAS

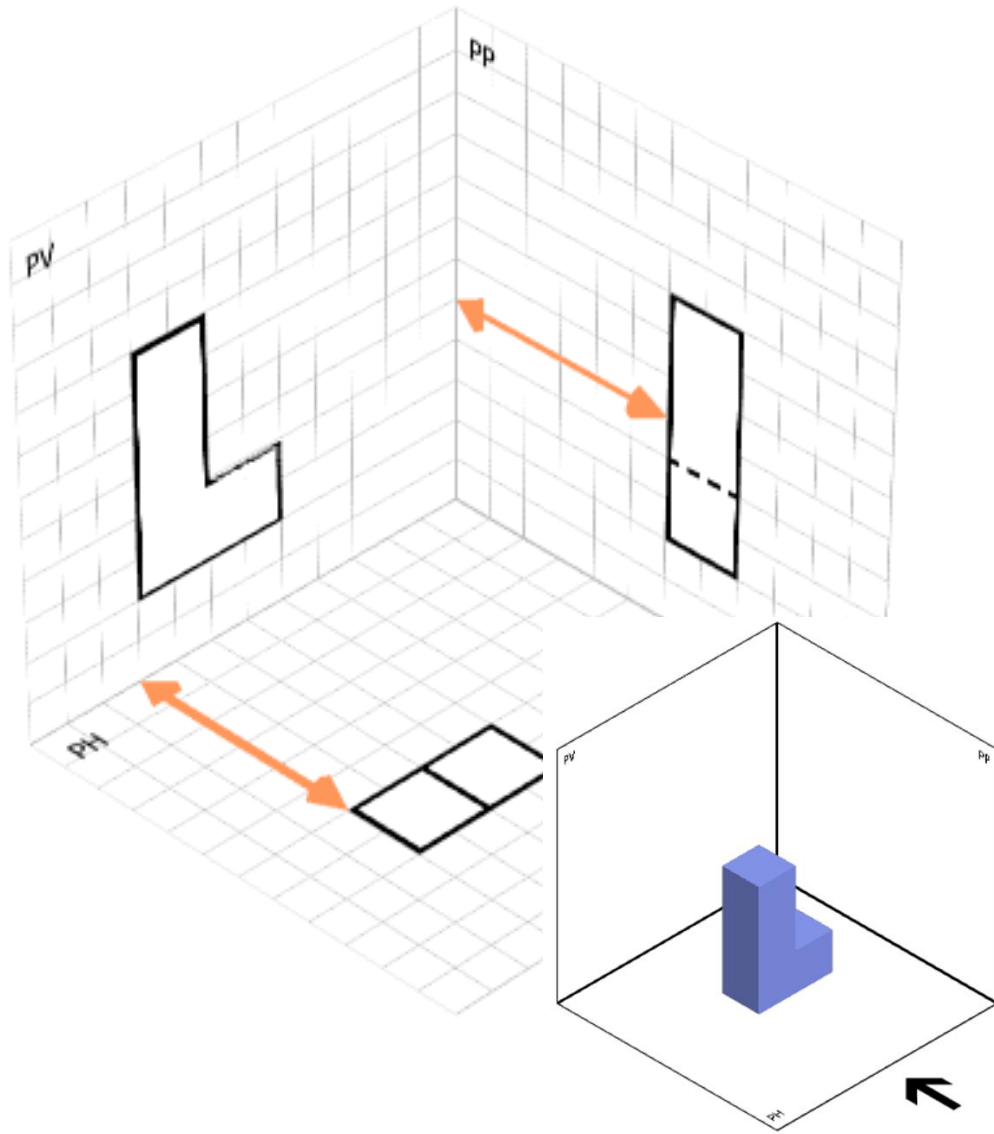


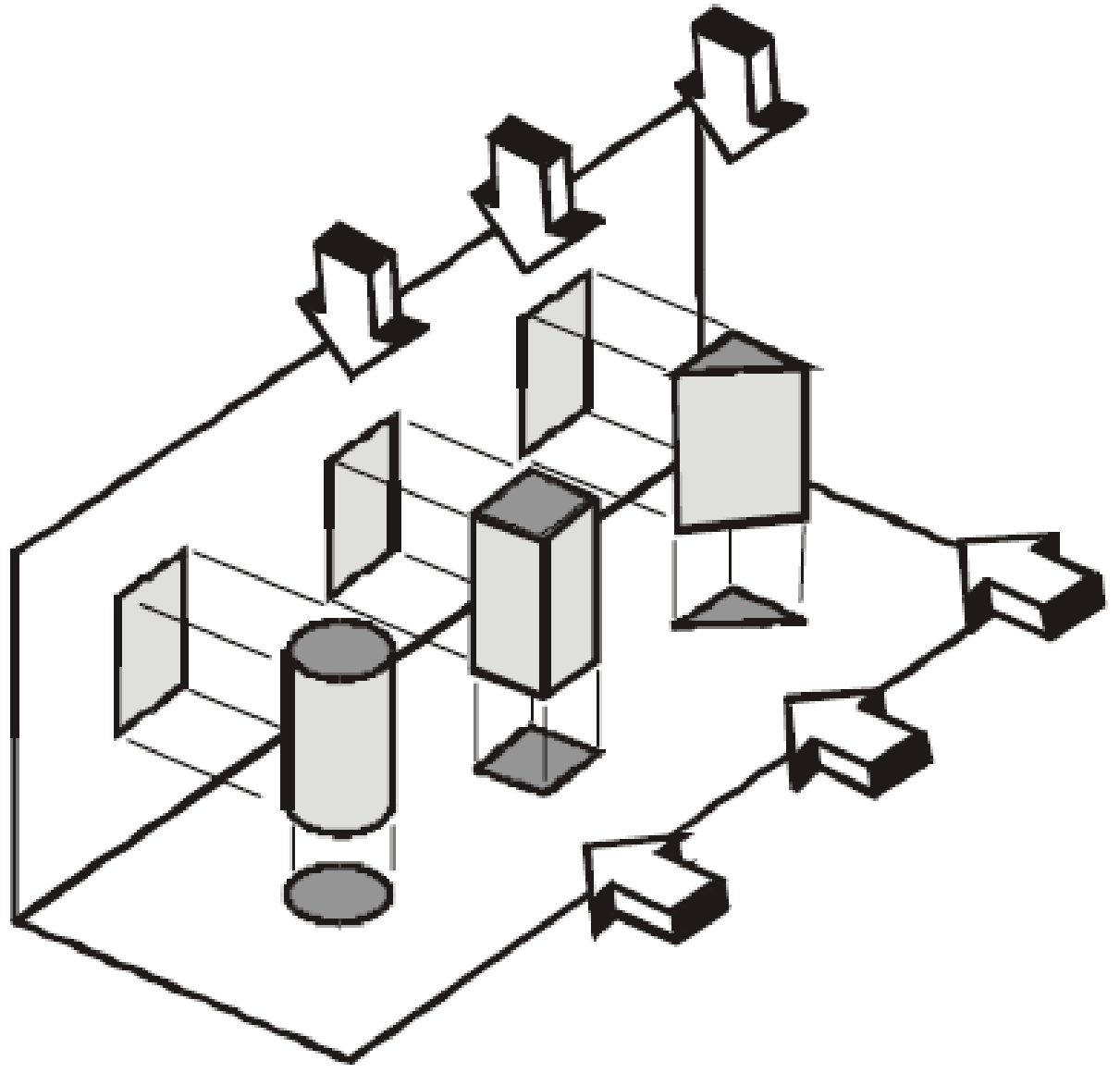
ARESTAS OCULTAS

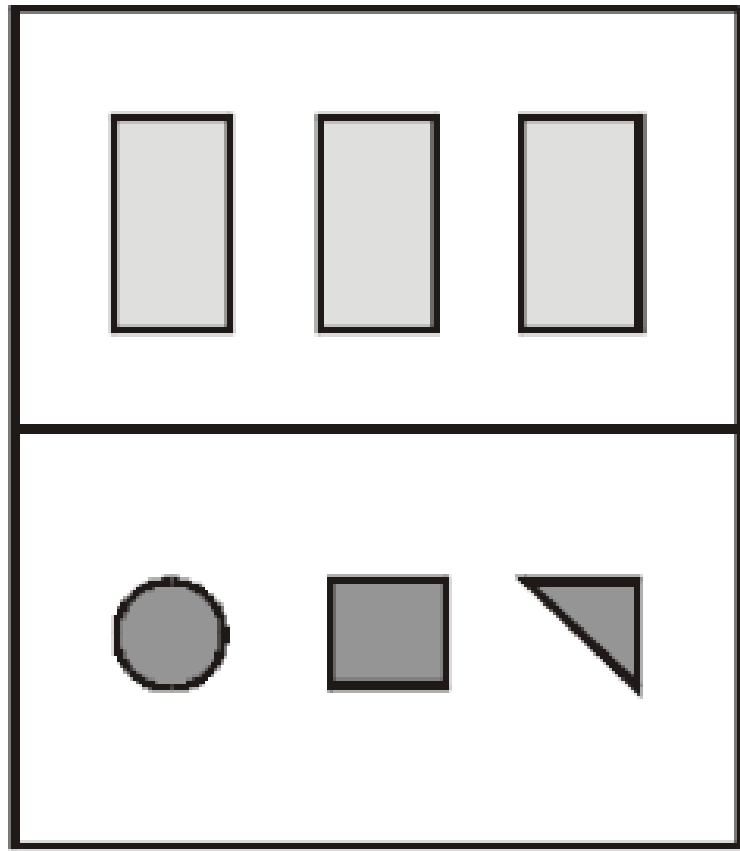
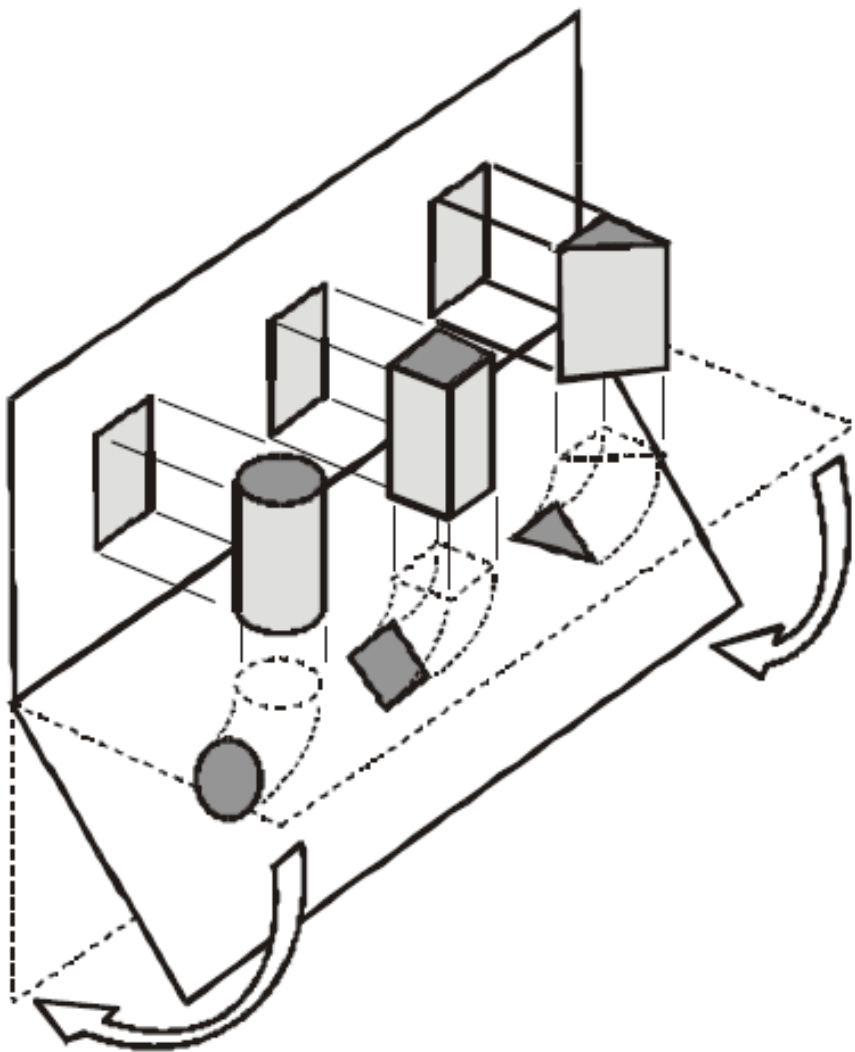
FTC

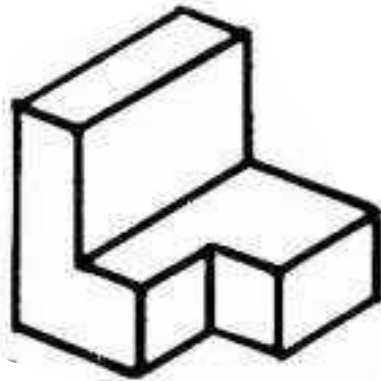
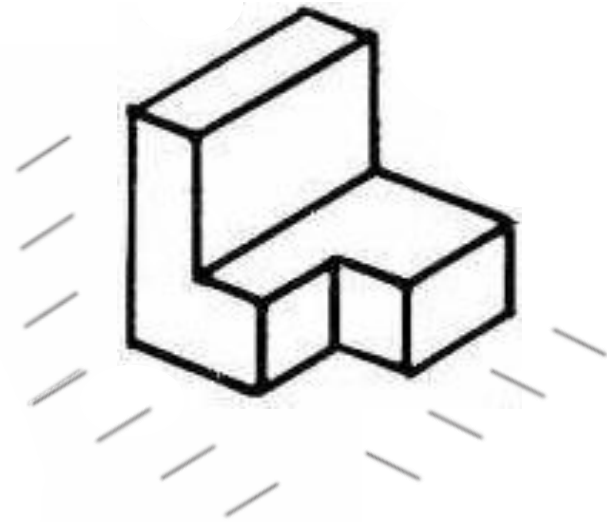


K E U E  
F T C

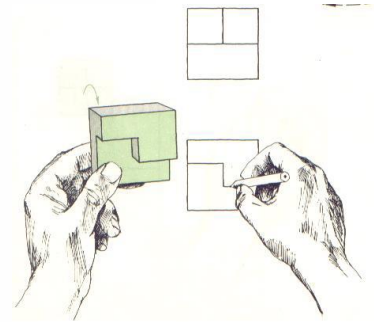


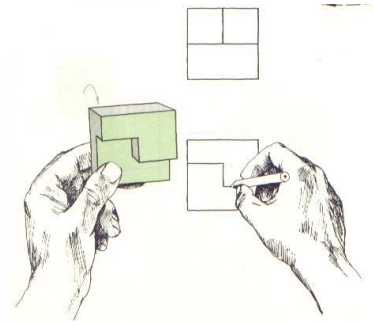
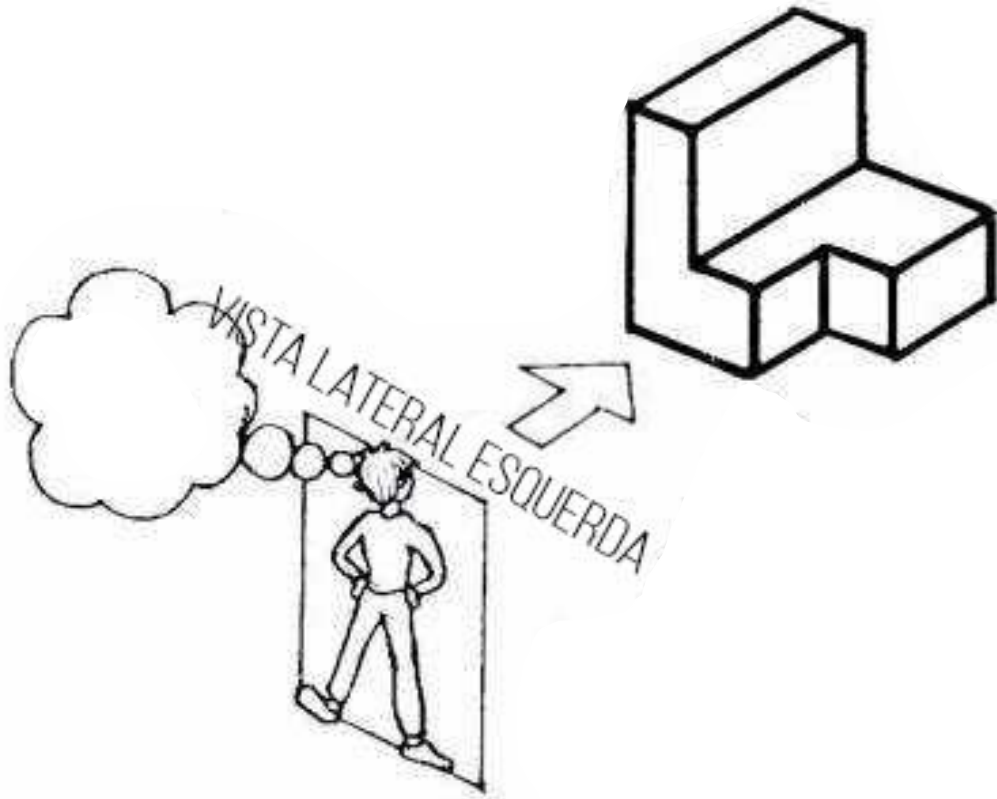
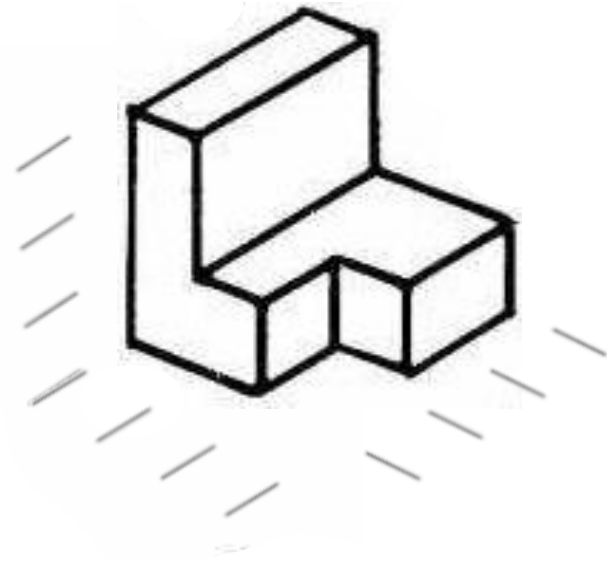




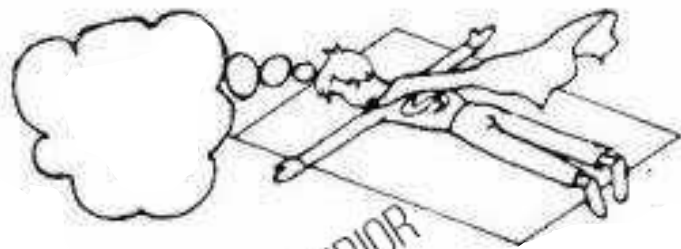


VISTA FRONTAL

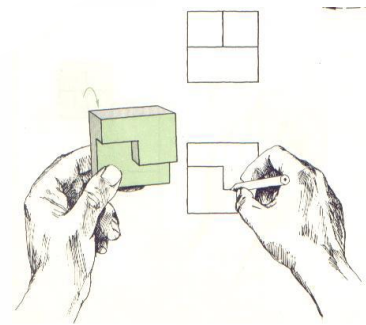
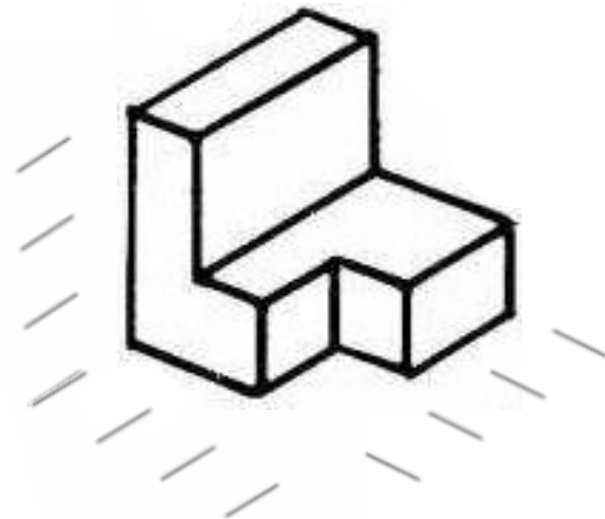
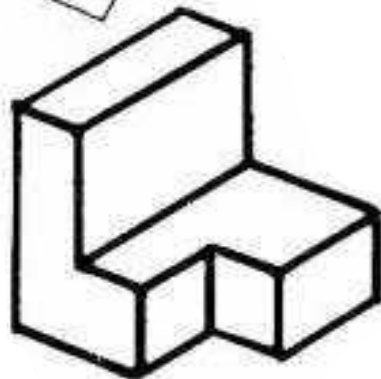


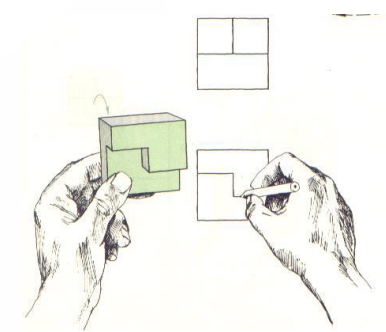
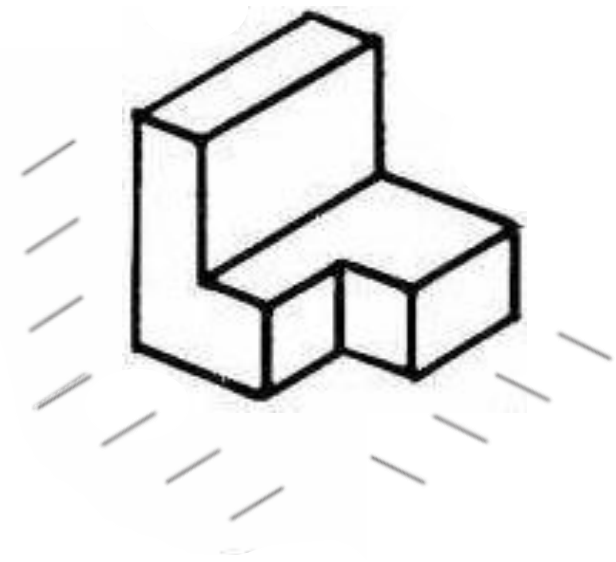
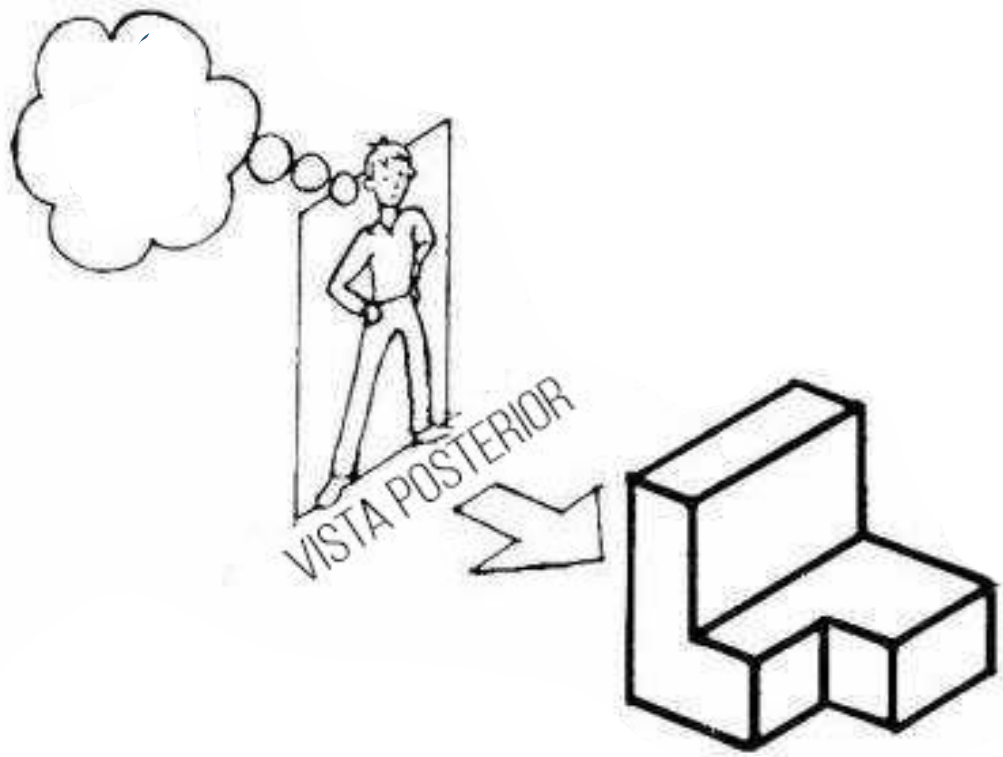


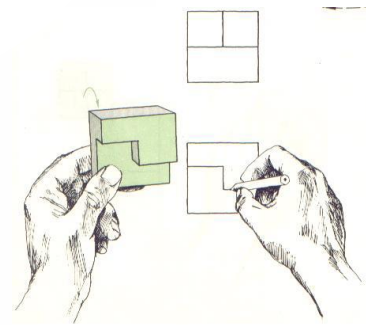
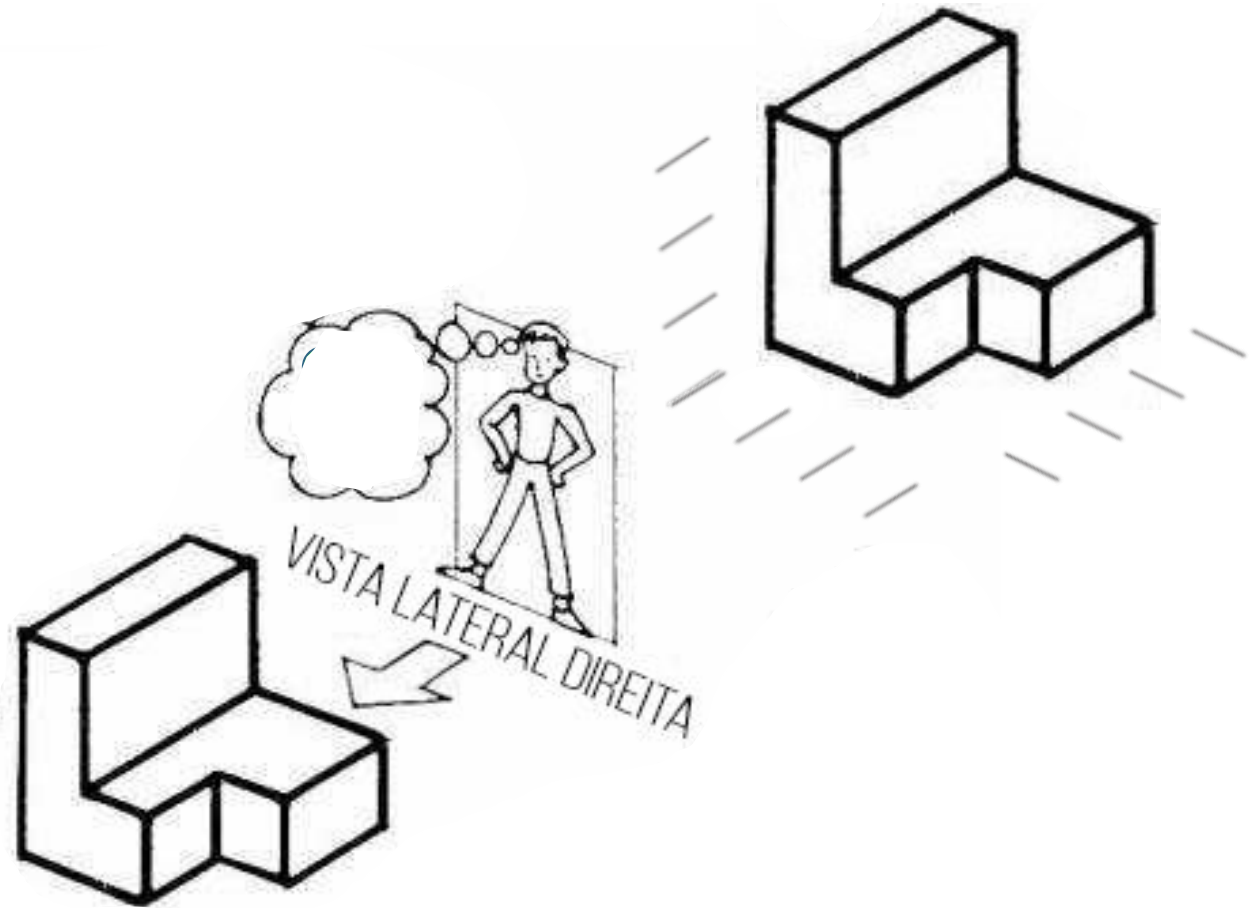


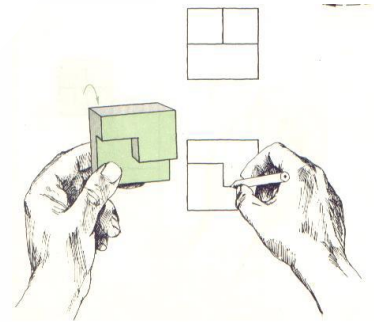
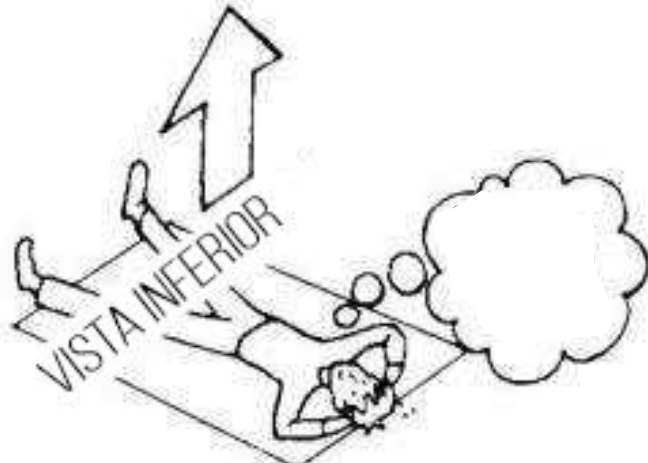
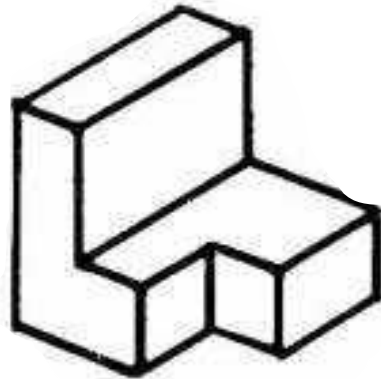
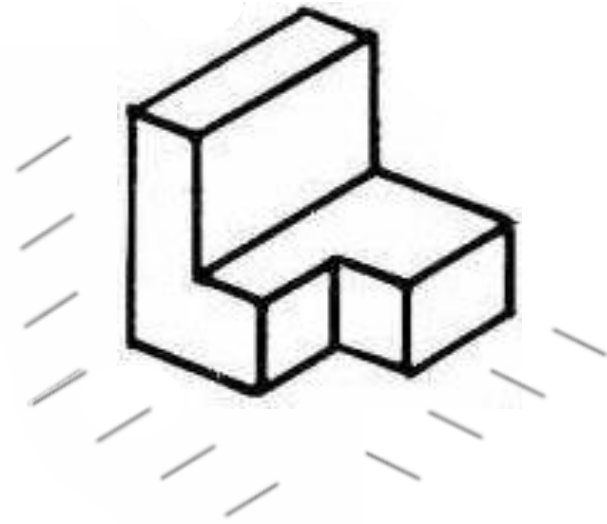


VISTA SUPERIOR

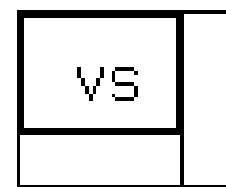
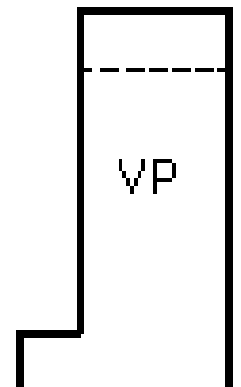
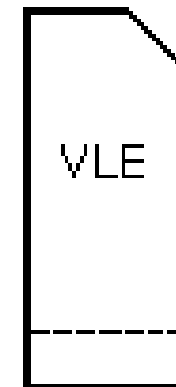
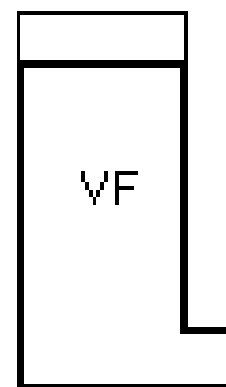
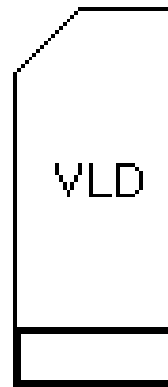
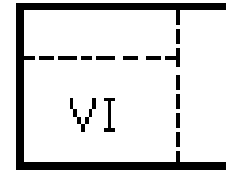
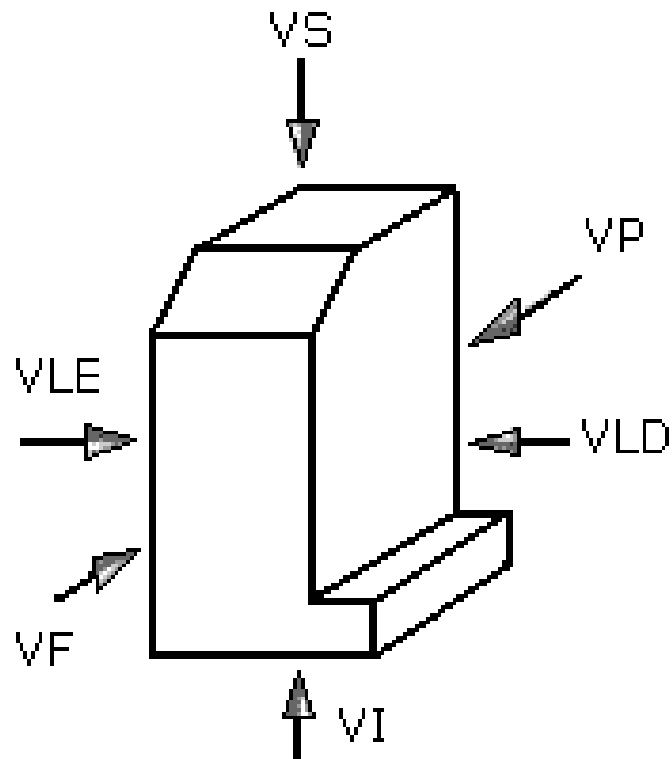








Vista Frontal (VF)  
Vista Superior (VS)  
Vista Lateral Esquerda (VLE)



Vista Lat. Direita (VLD)  
Vista Inferior (VI)  
Vista Posterior (VP)

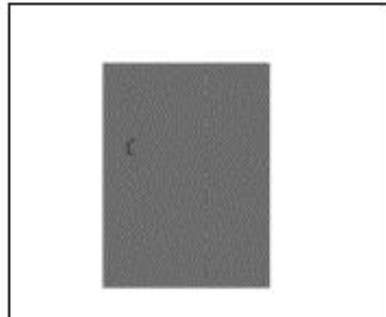
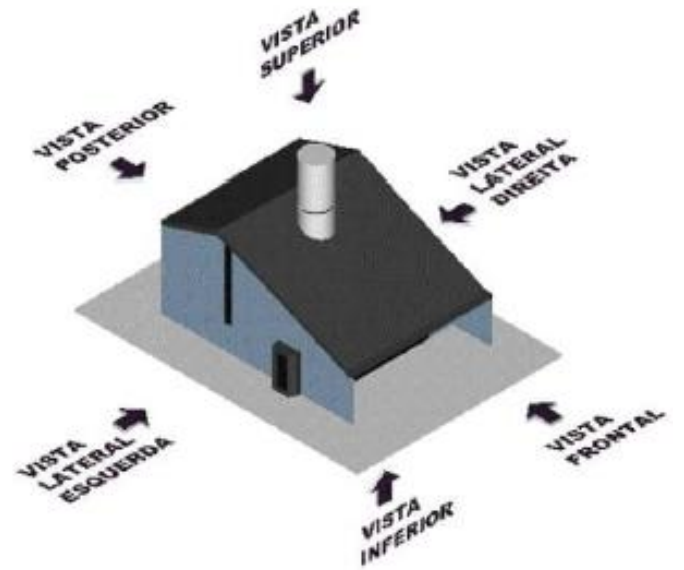


Figura 15 - Vista inferior



Figura 16 - Vista lateral derecha

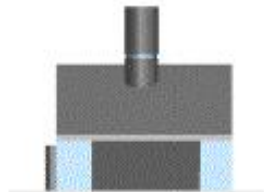


Figura 17 - Vista frontal



Figura 18 - Vista lateral izquierda



Figura 19 - Vista posterior

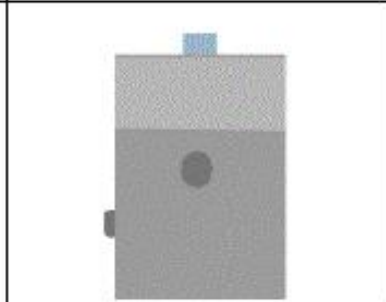


Figura 20 - Vista superior

# EXERCÍCIO 07

- | Desenhe todas as possíveis vistas ortográficas das peças

Vista frontal (VF)  
Vista lateral direita (VLD)  
Vista lateral esquerda (VLE)  
Vista posterior (VP)  
Vista inferior (VI)  
Vista superior (VS)

OBS: cada espaçamento representa uma unidade de medida. Folha de resposta disponível no site.

