

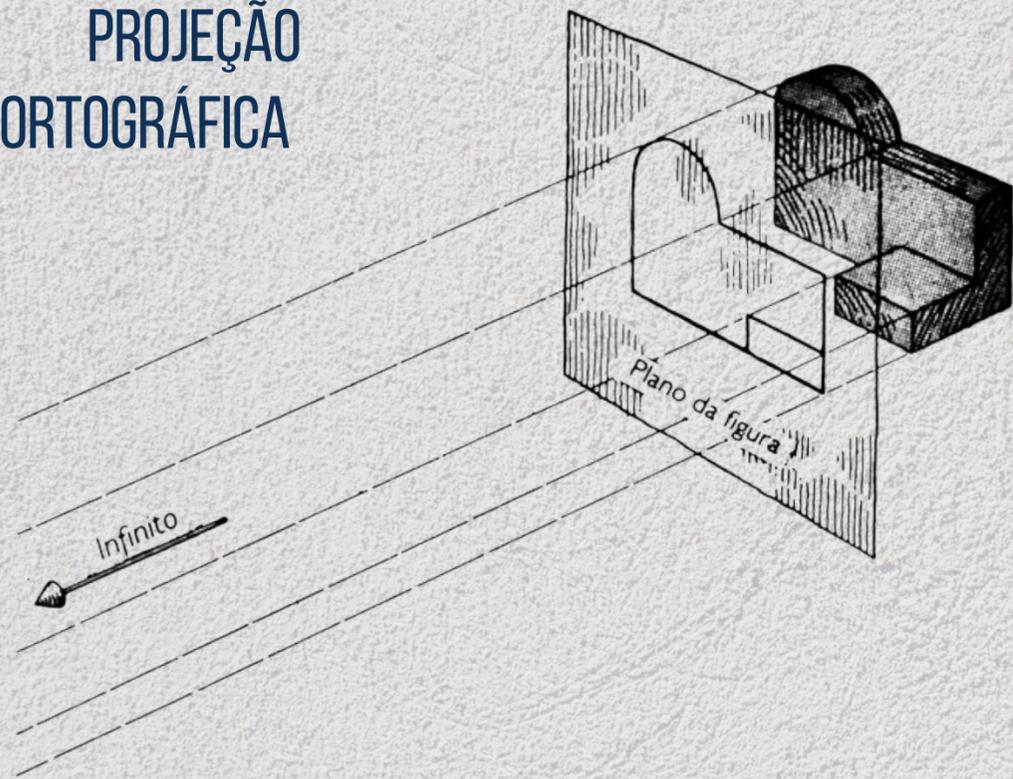
IAU - DESENHO TÉCNICO

AULA 04

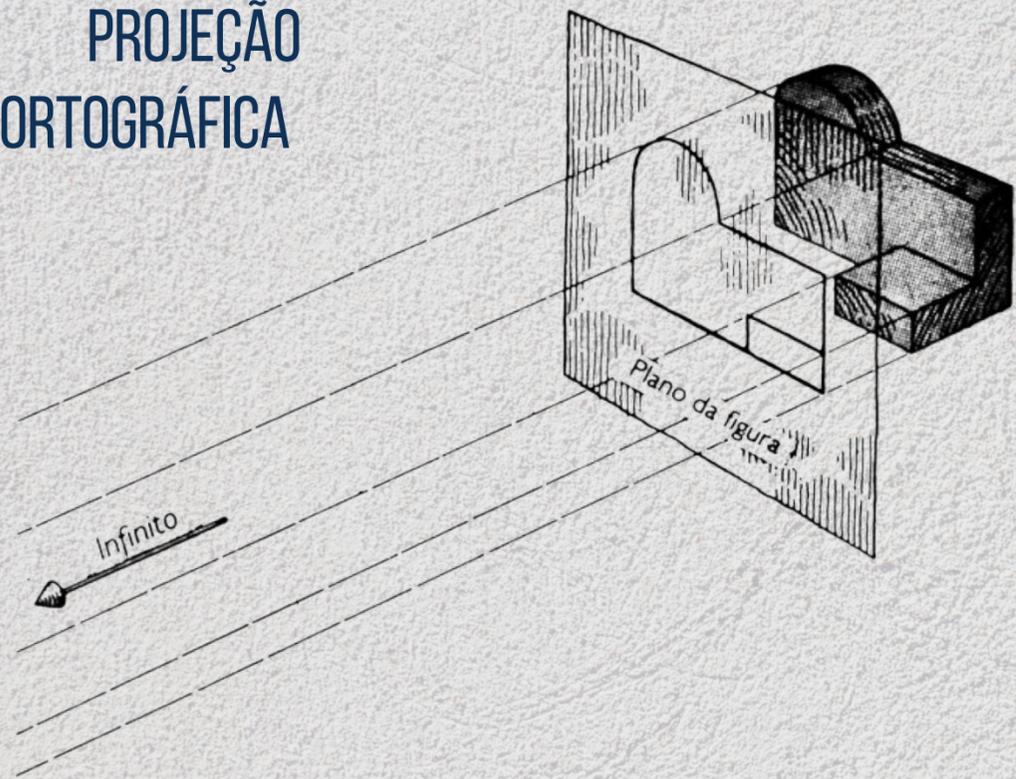
VISTAS ORTOGRÁFICAS

PROF. AMANDA SABA RUGGIERO

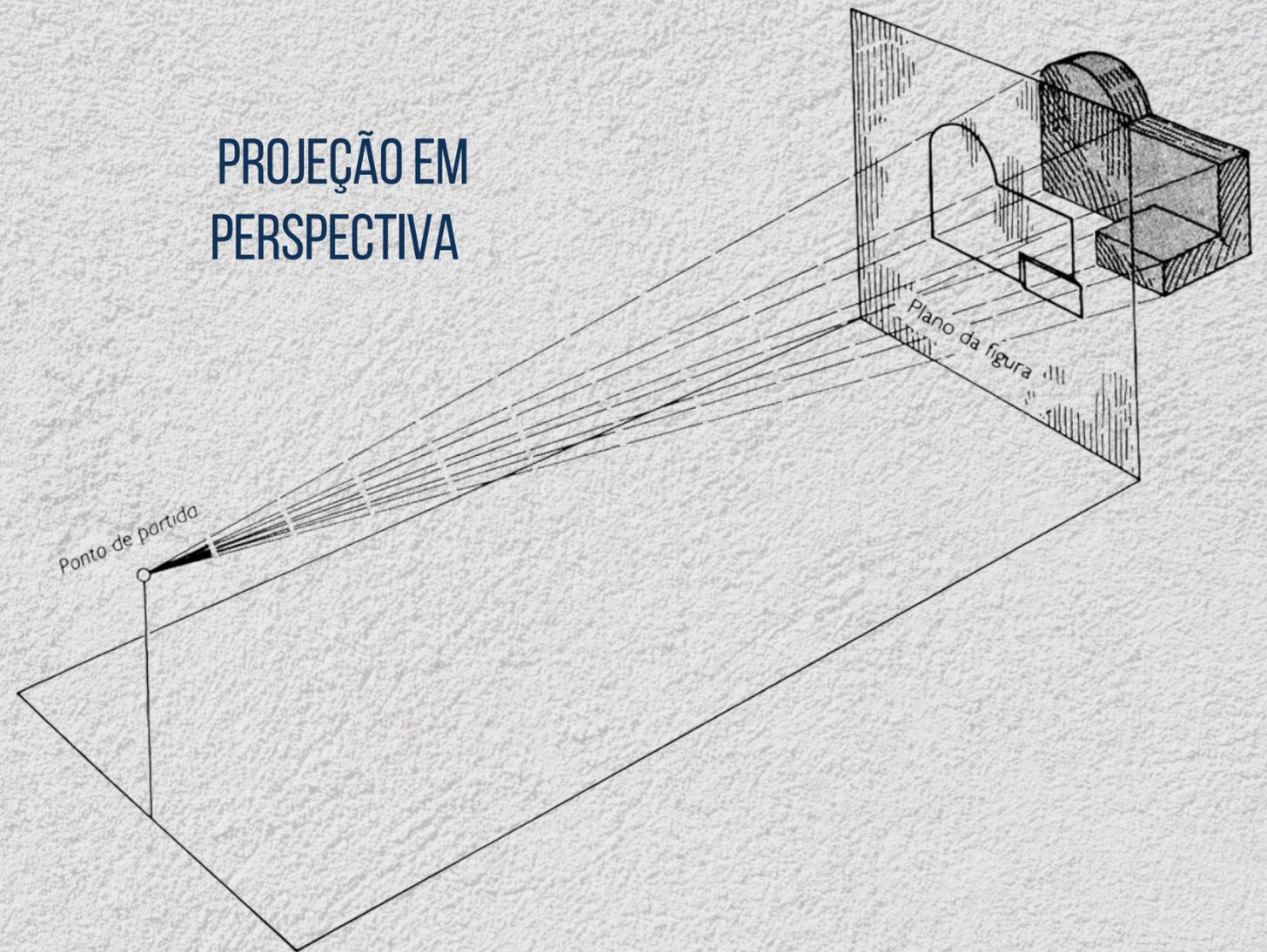
PROJEÇÃO ORTOGRÁFICA



PROJEÇÃO ORTOGRÁFICA



PROJEÇÃO EM PERSPECTIVA



NBR 10067

princípios gerais de representação em desenho técnico

condições gerais

o desenho técnico é representado na cor preta. se outras cores forem necessárias para melhor esclarecimento do desenho o seu significado deve ser mencionado em legenda.

métodos de projeção ortográfica:

a| 1º diedro

b| 3º diedro

NBR 10067 princípios gerais de representação em desenho técnico

condições específicas

denominação das vistas:

A| vista frontal

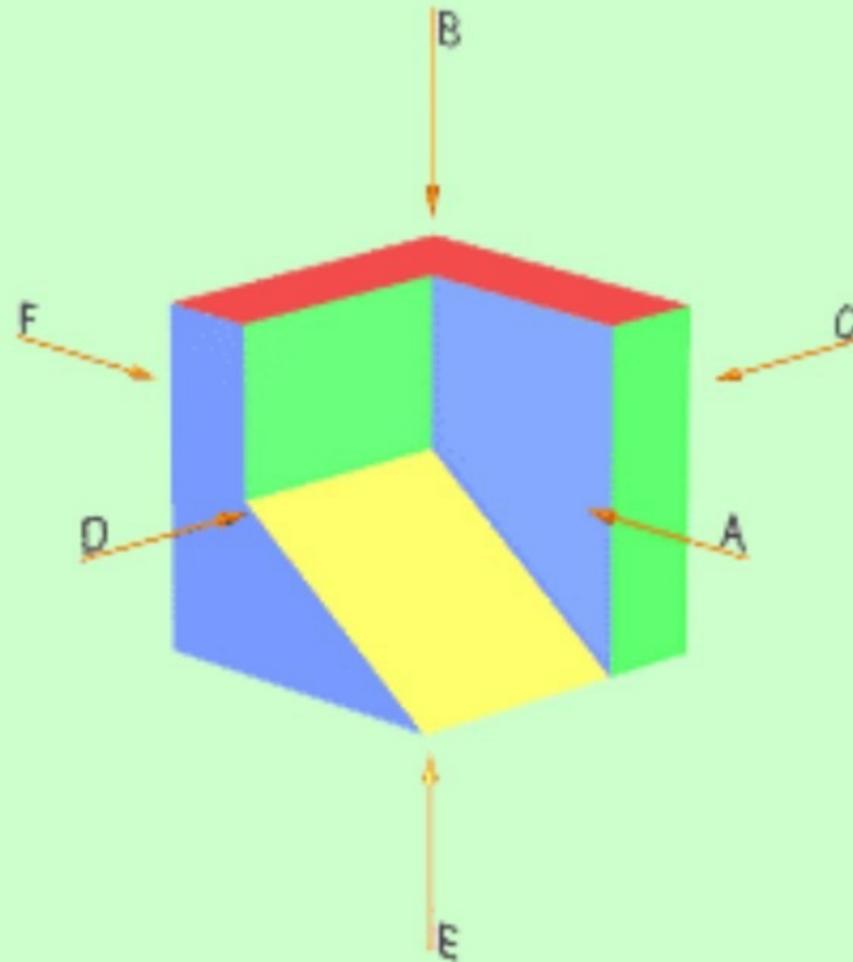
B| vista superior

C| vista lateral direita

D| vista lateral esquerda

E| vista inferior

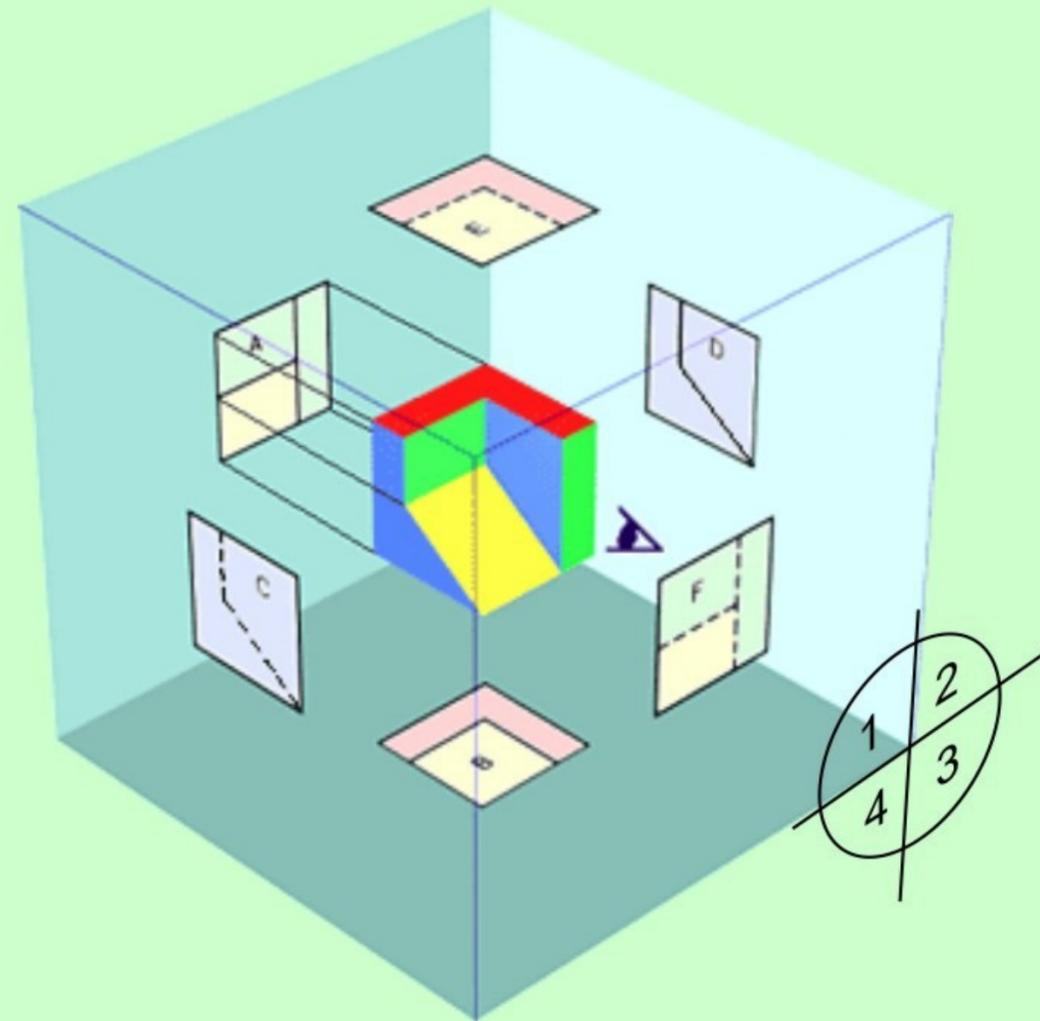
F| vista posterior



NBR 10067 princípios gerais de representação em desenho técnico

condições específicas

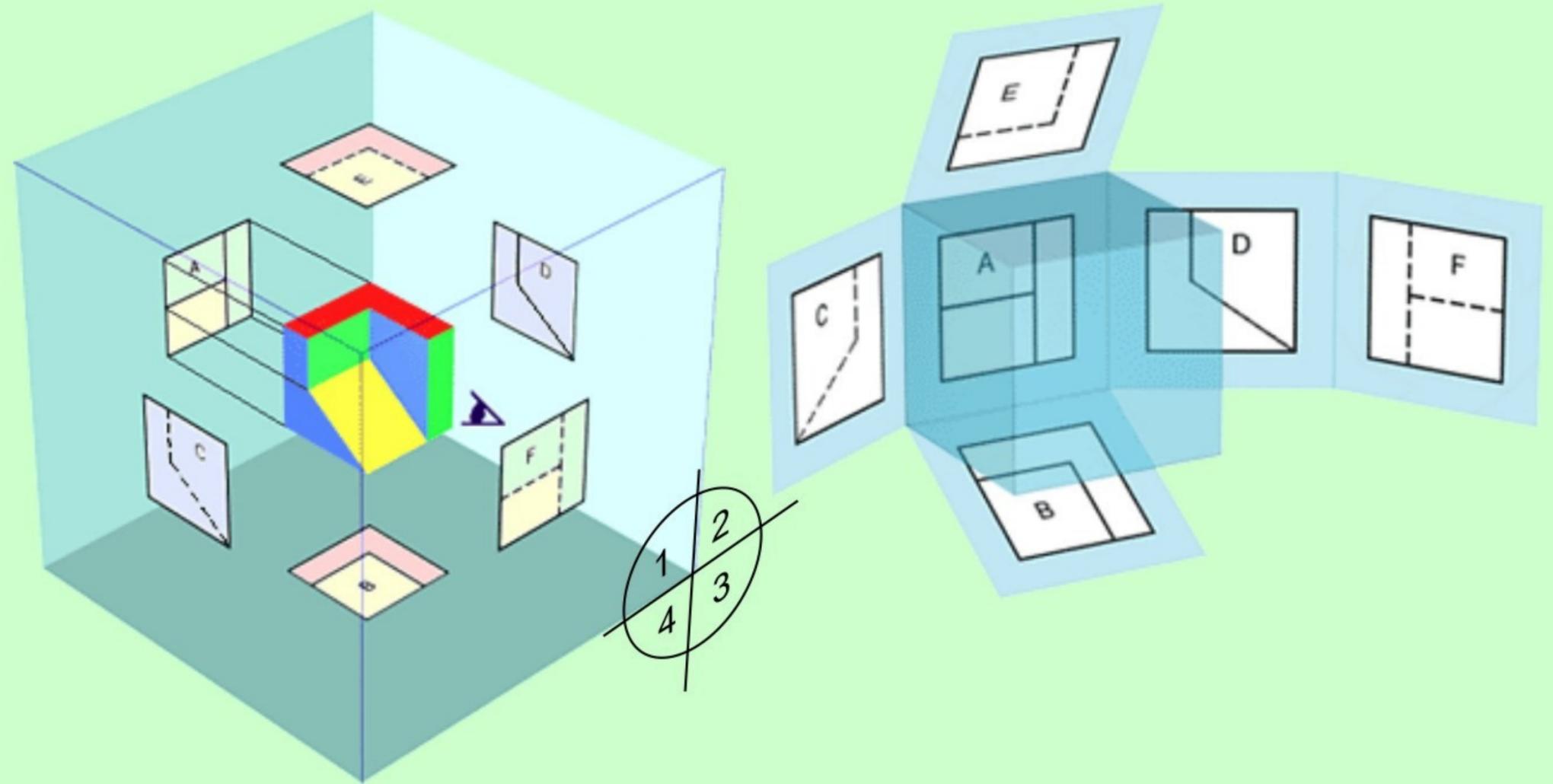
posição relativas das vistas no 1º diedro | **sistema europeu**



NBR 10067 princípios gerais de representação em desenho técnico

condições específicas

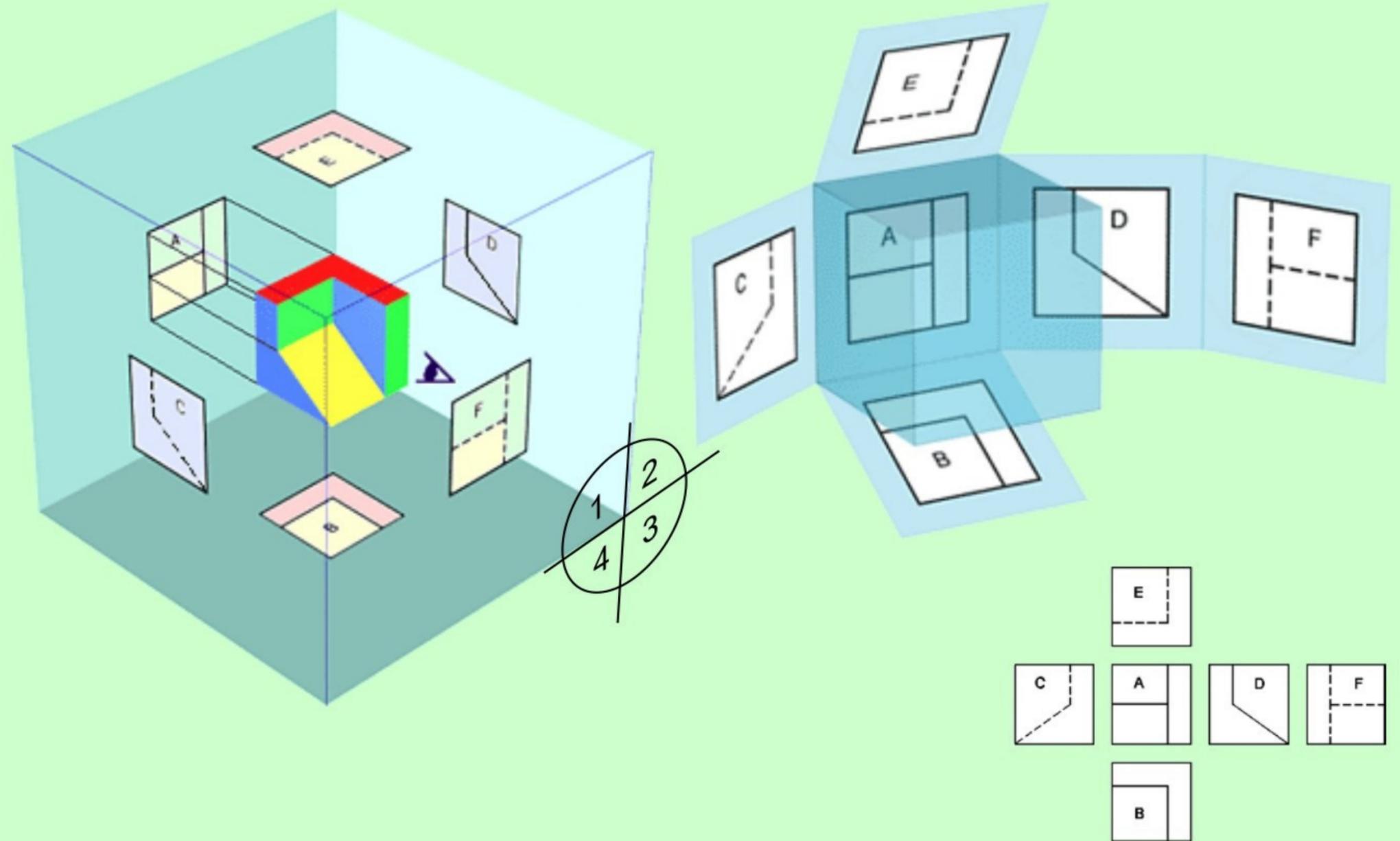
posição relativas das vistas no 1º diedro | **sistema europeu**



NBR 10067 princípios gerais de representação em desenho técnico

condições específicas

posição relativas das vistas no 1º diedro | **sistema europeu**

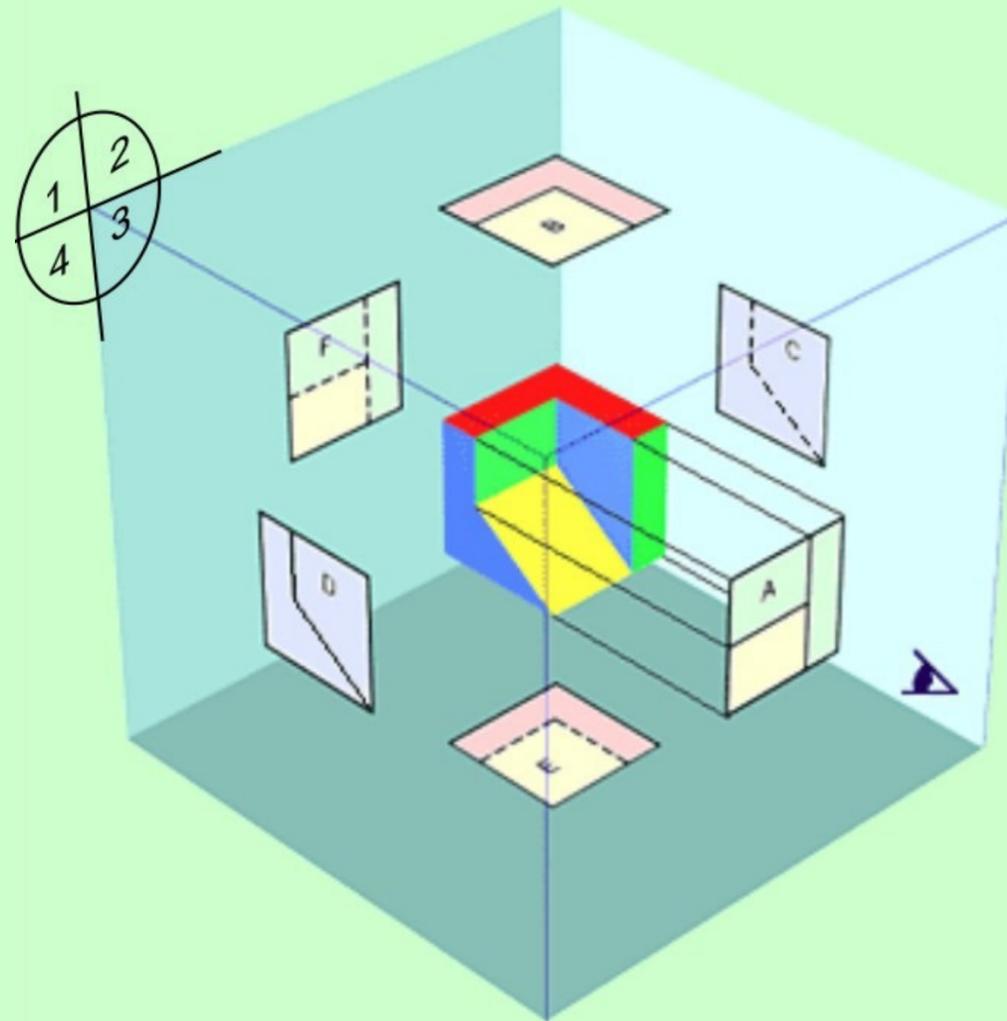


NBR 10067

princípios gerais de representação em desenho técnico

condições específicas

posição relativas das vistas no 3º diedro | **sistema americano**

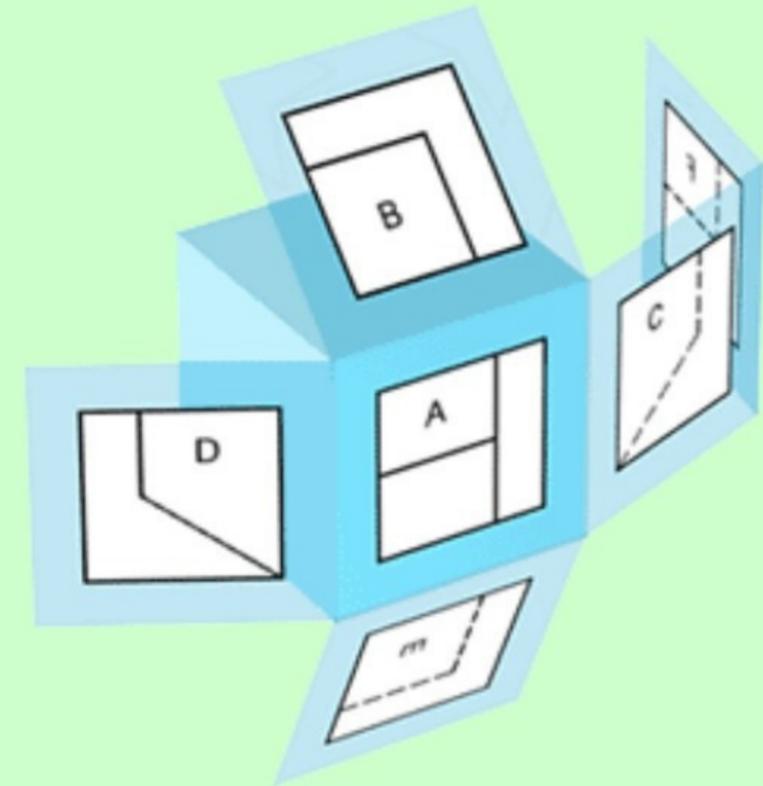
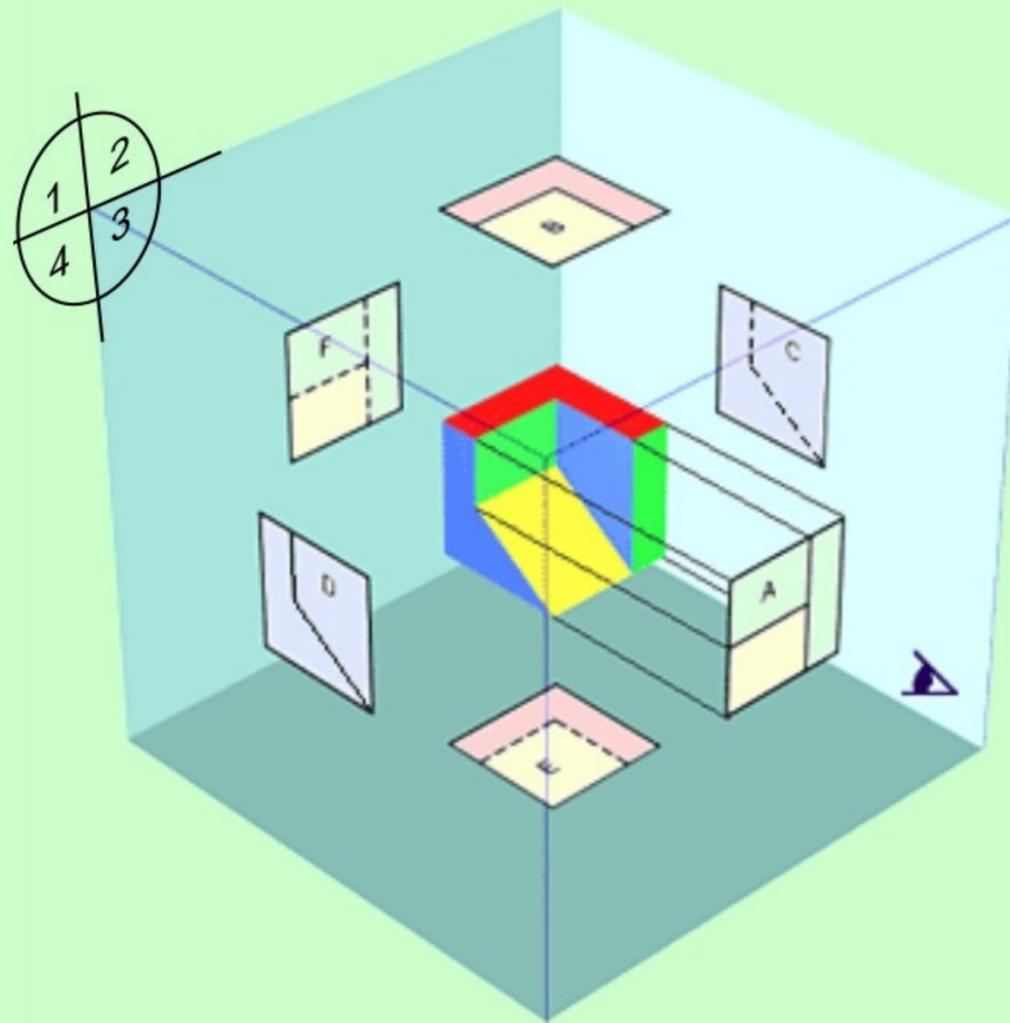


NBR 10067

princípios gerais de representação em desenho técnico

condições específicas

posição relativas das vistas no 3º diedro | **sistema americano**

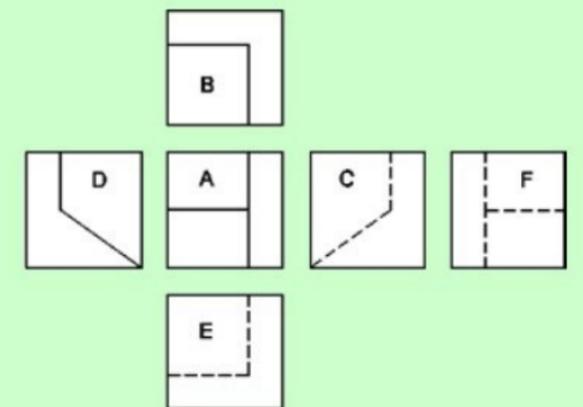
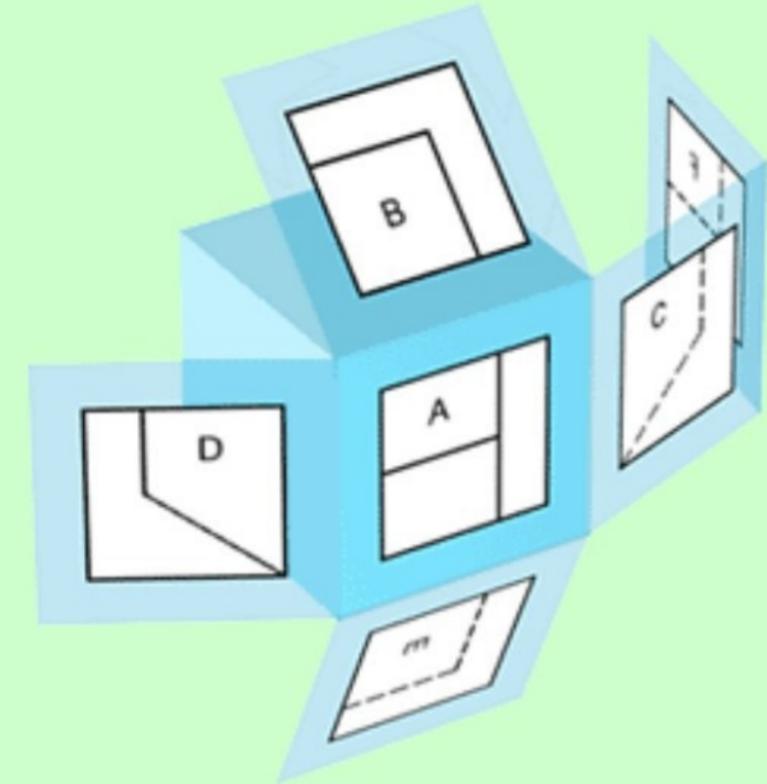
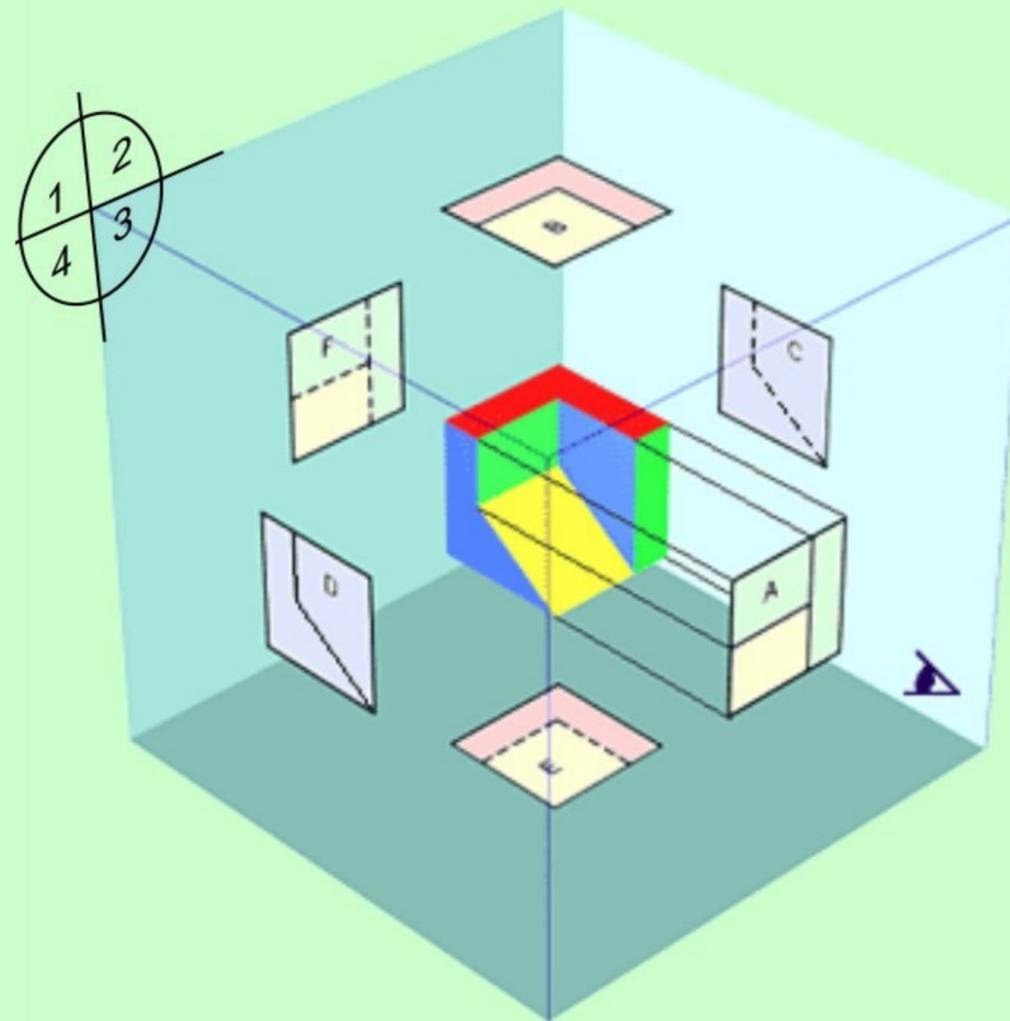


NBR 10067

princípios gerais de representação em desenho técnico

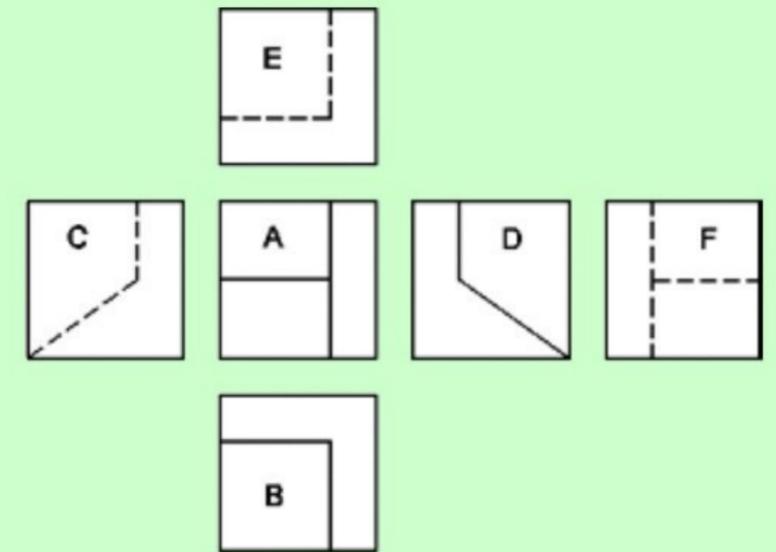
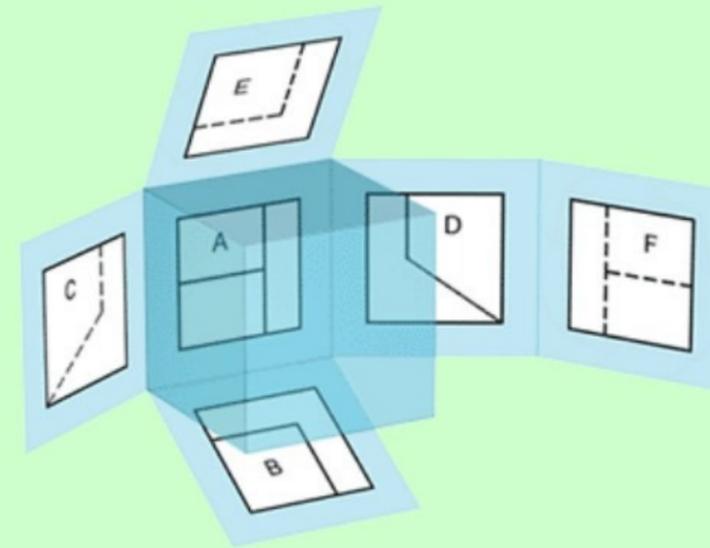
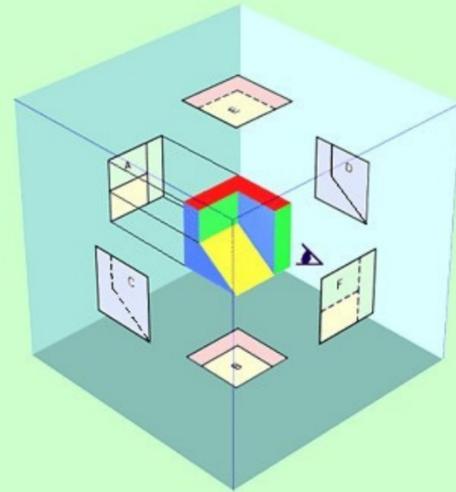
condições específicas

posição relativas das vistas no 3º diedro | **sistema americano**

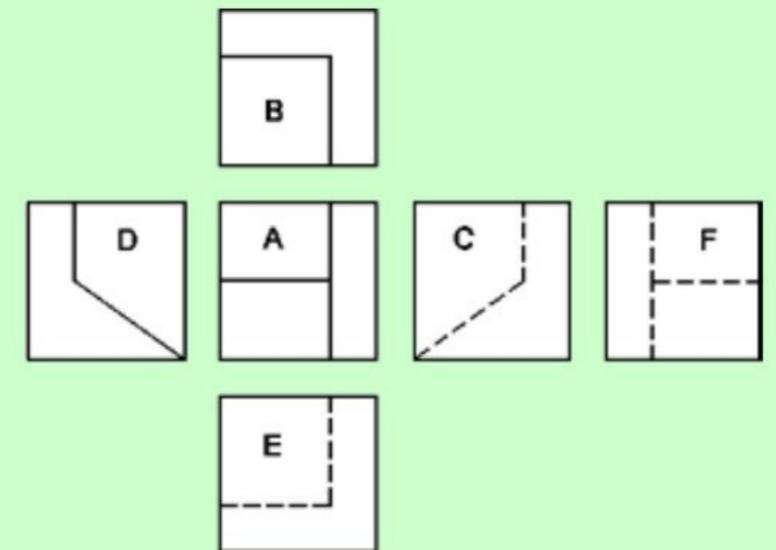
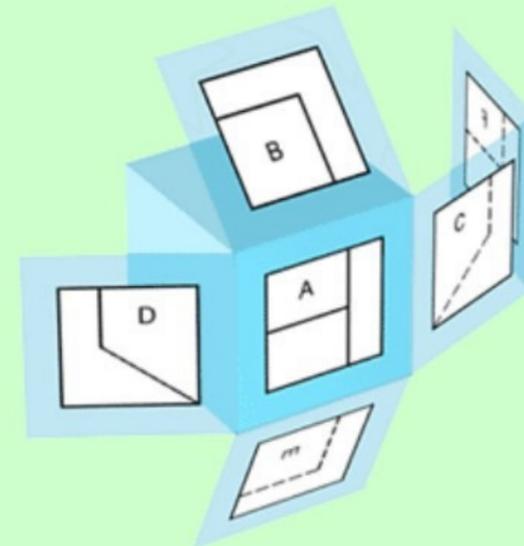
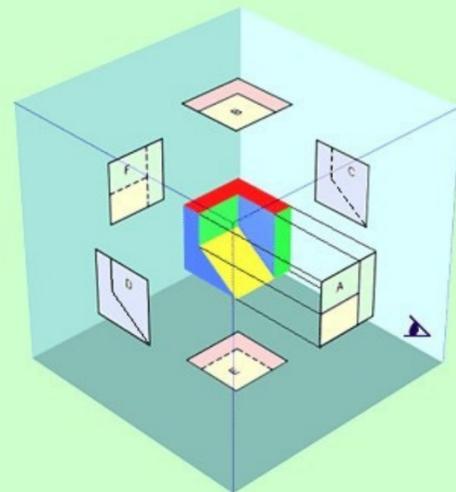


NBR 10067 princípios gerais de representação em desenho técnico

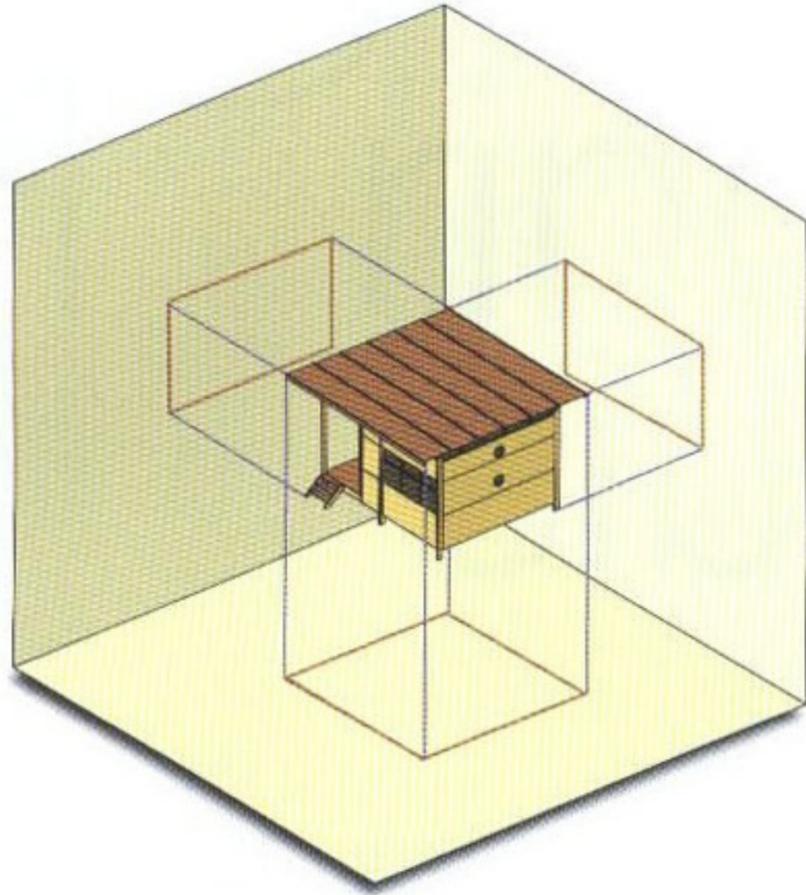
sistema europeu



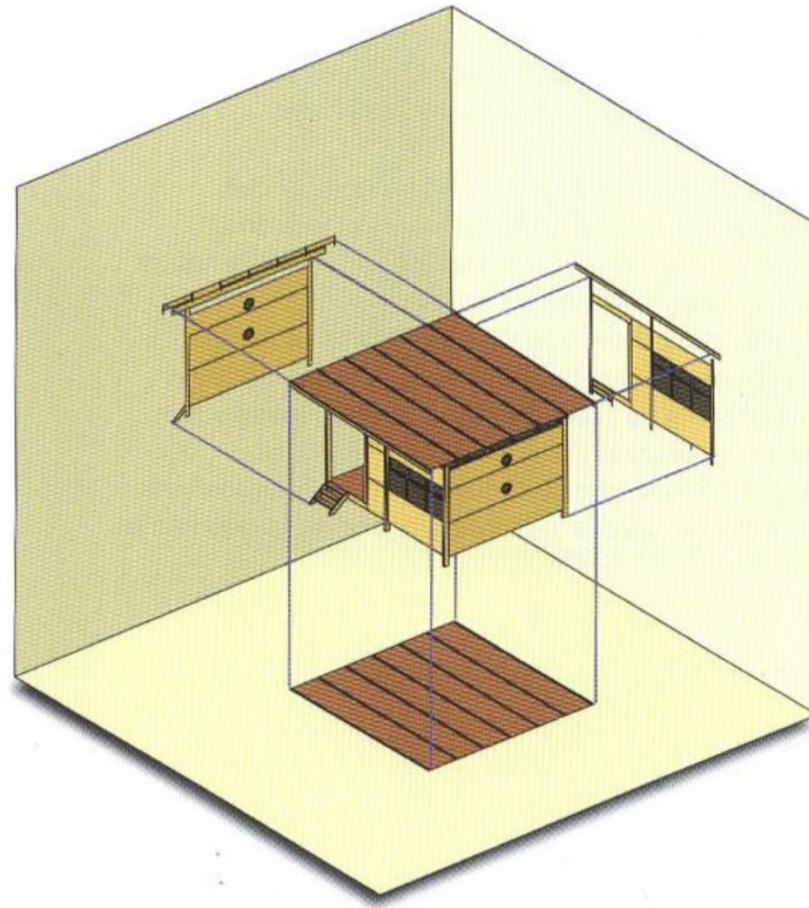
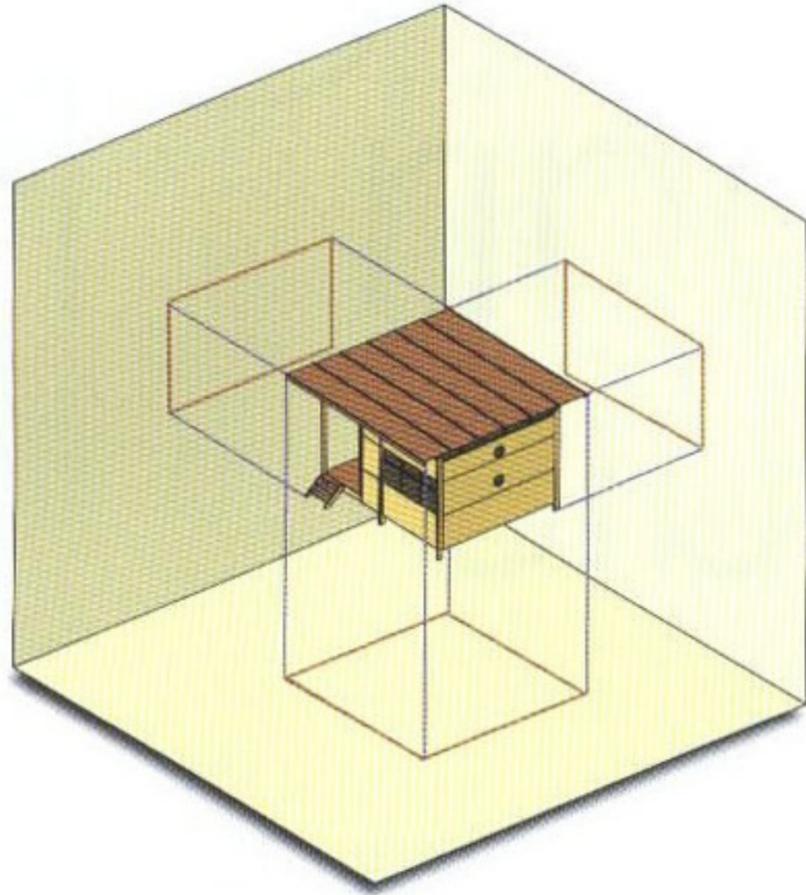
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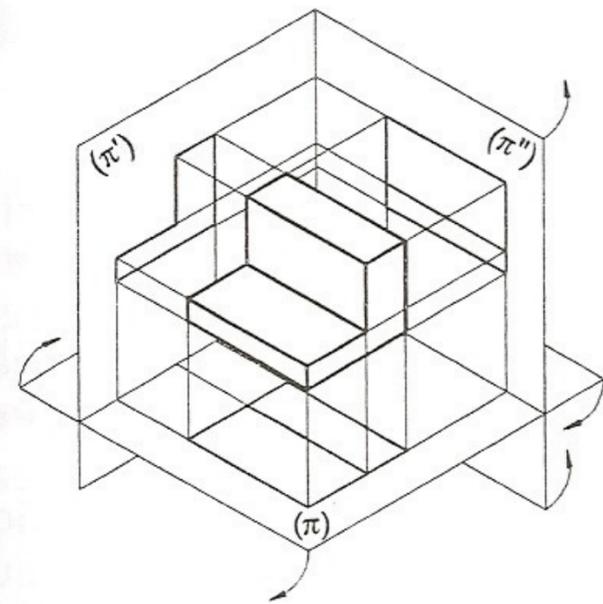


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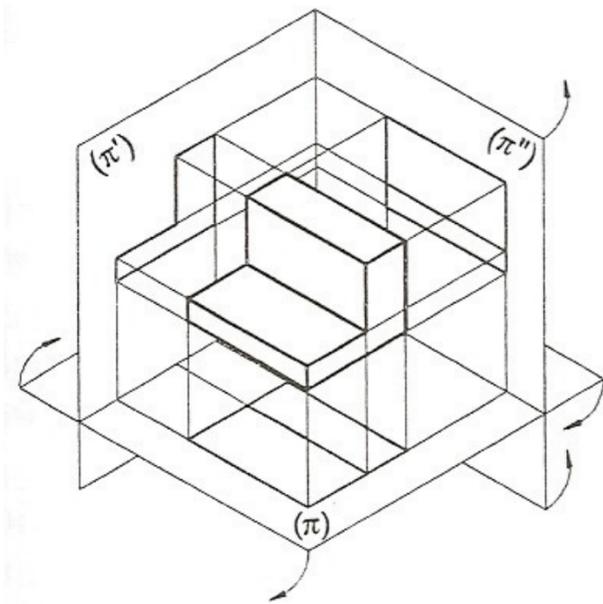


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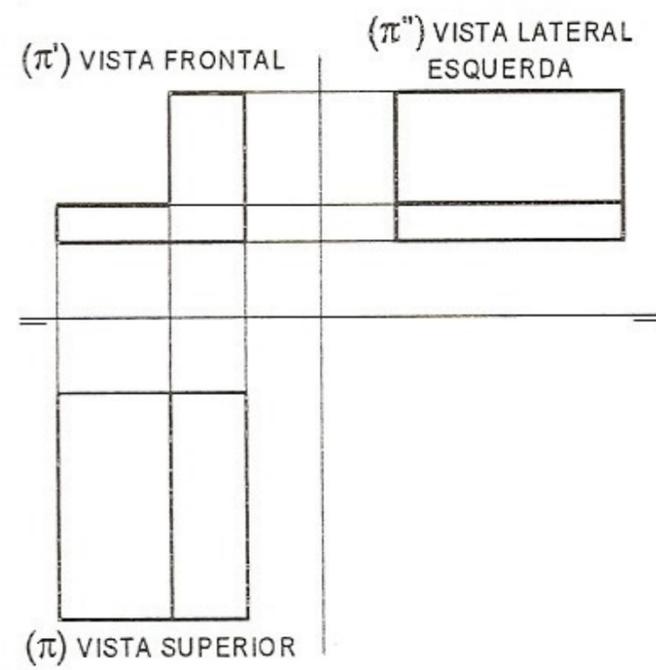


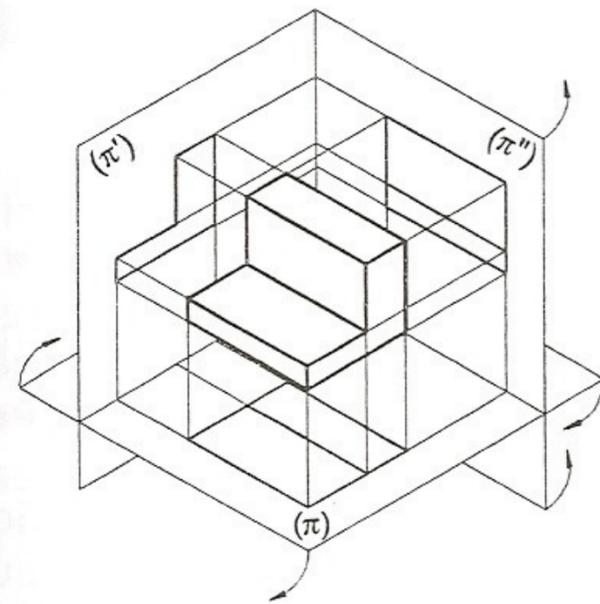


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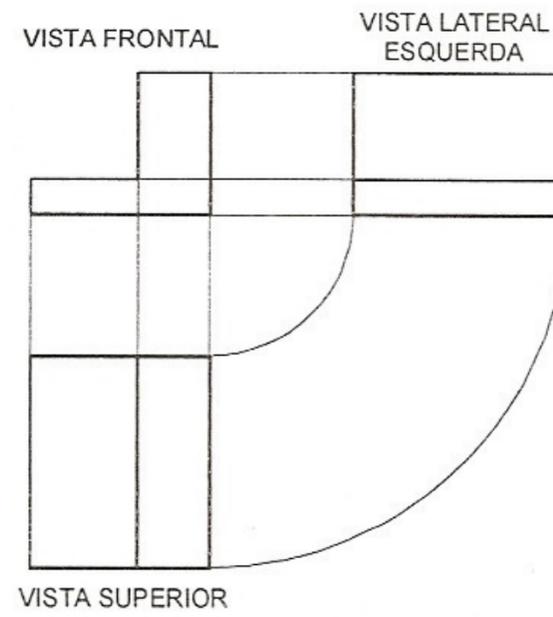


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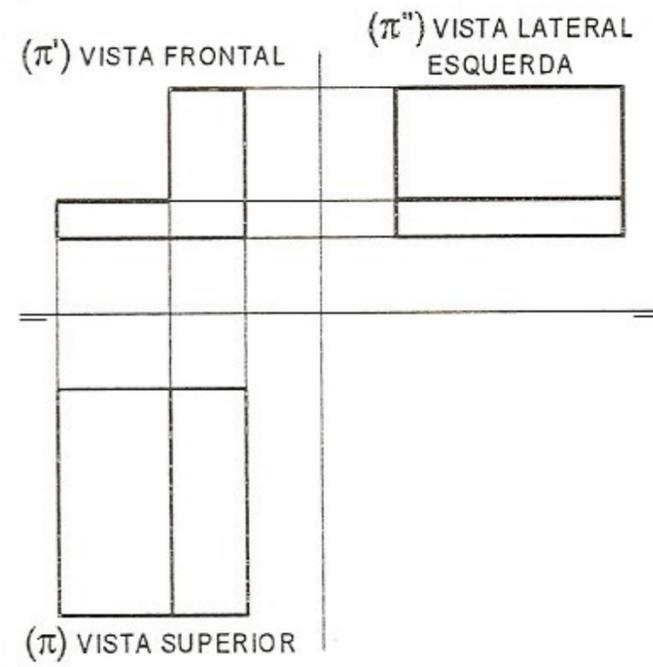


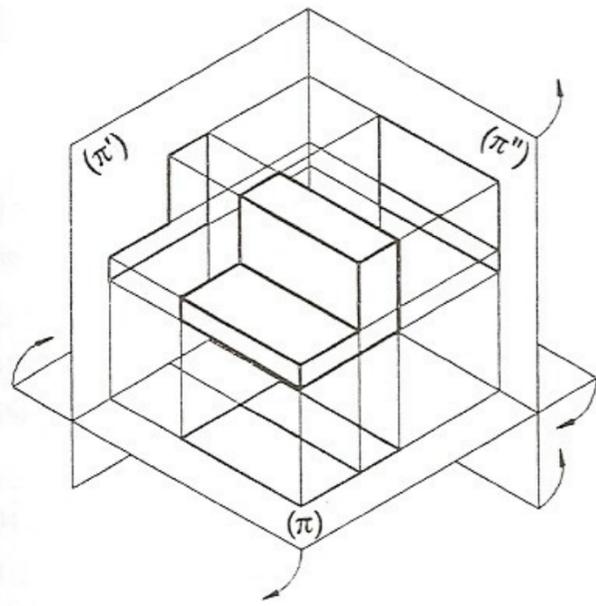


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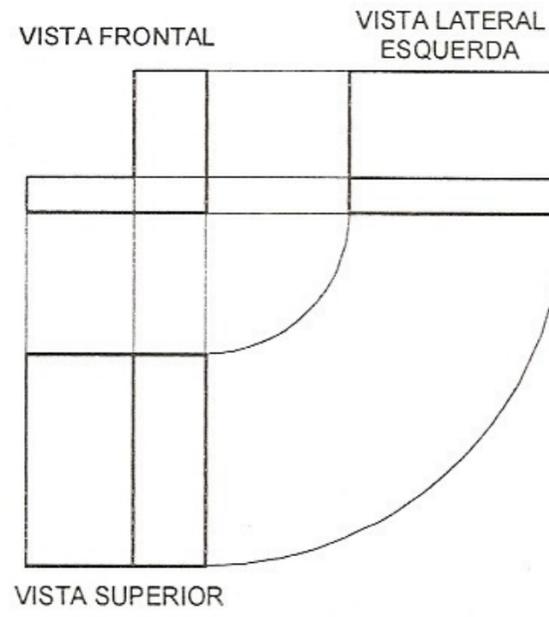
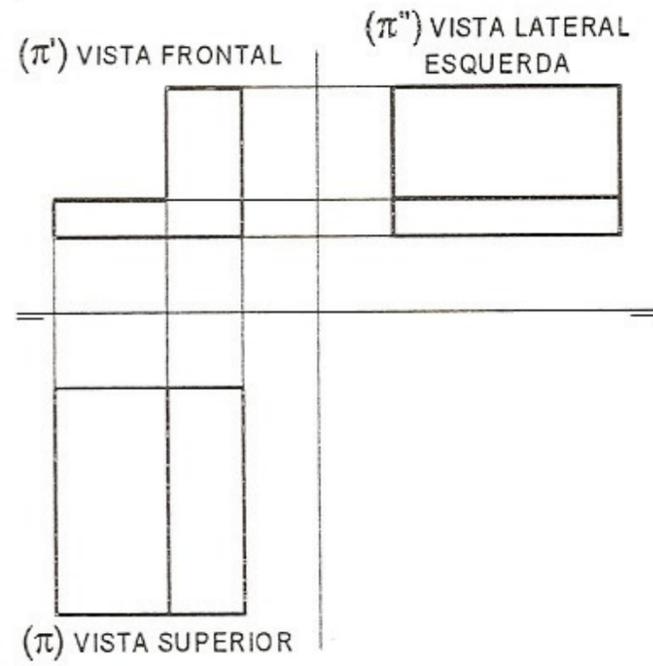


ARCOS CONCÊNTRICOS

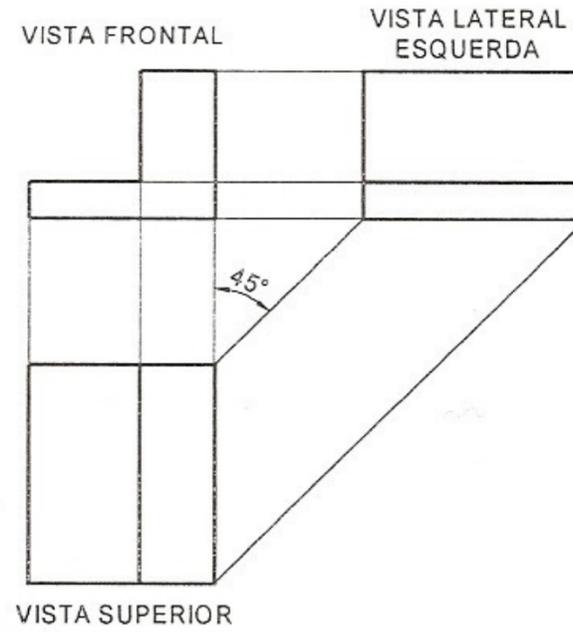




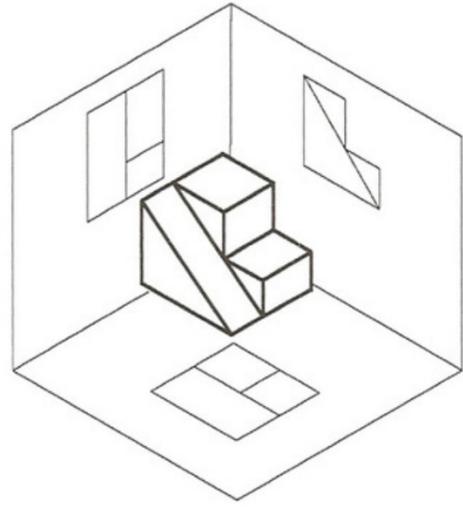
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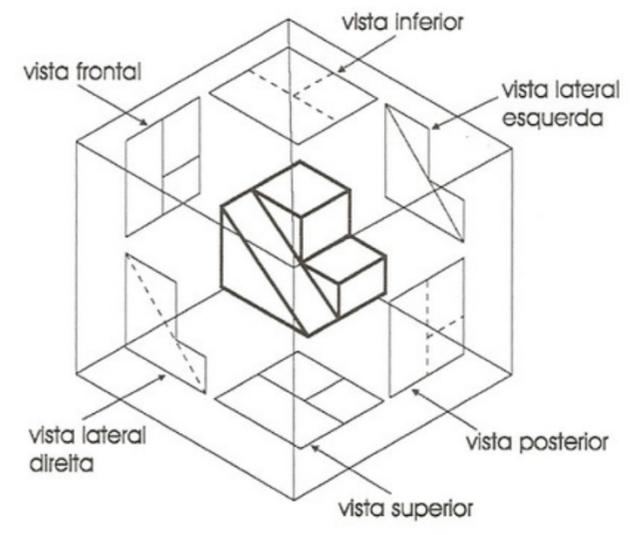
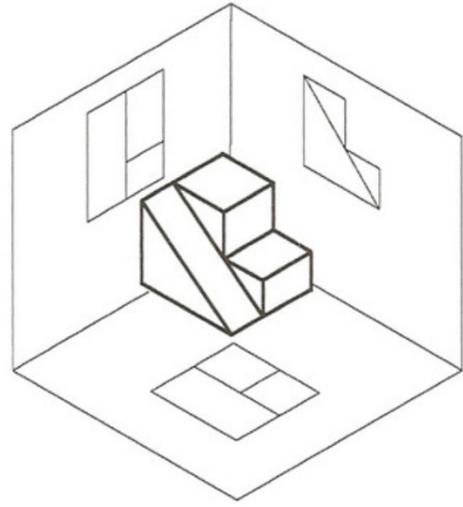


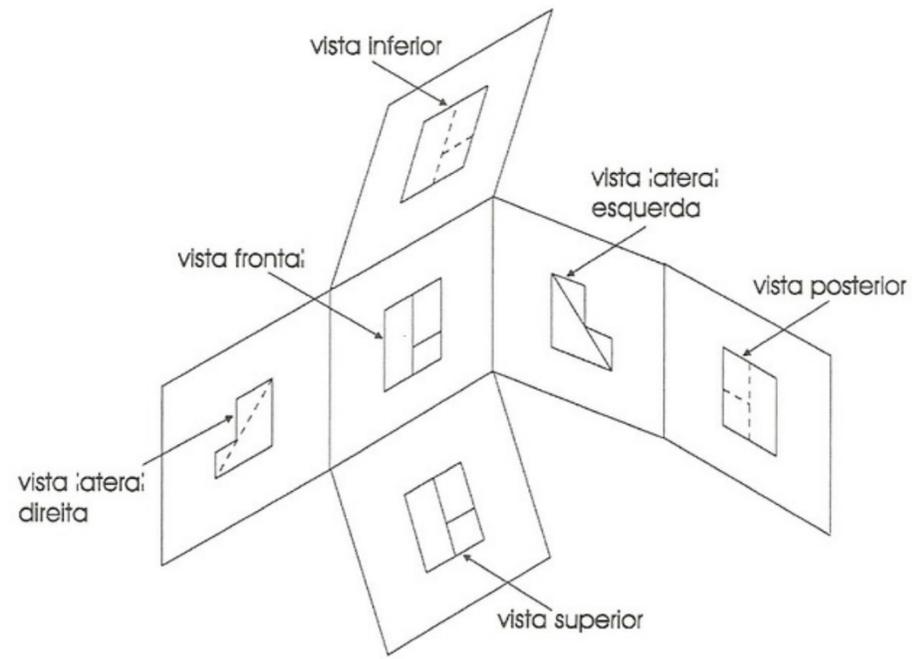
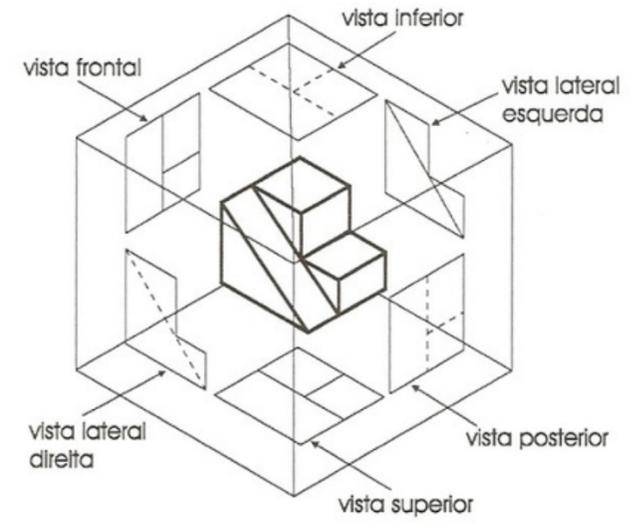
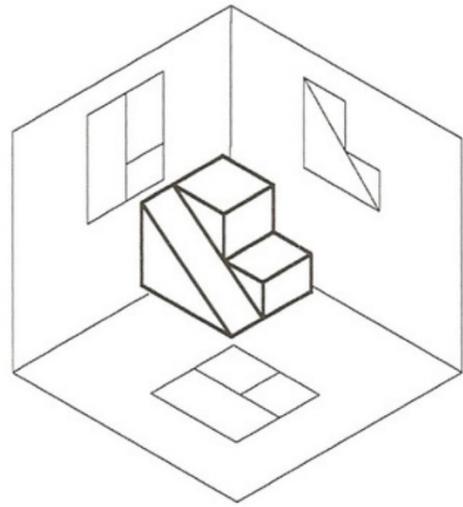
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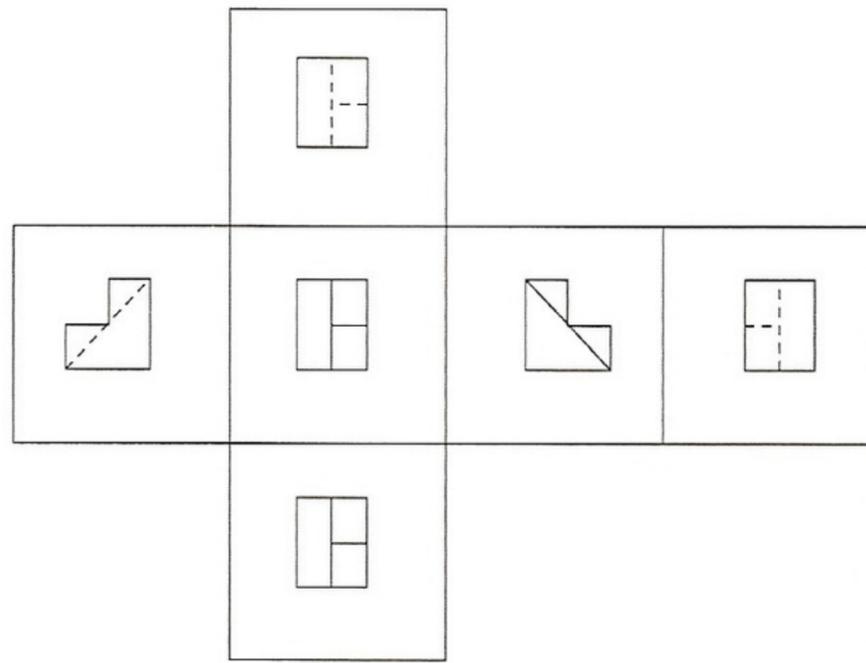
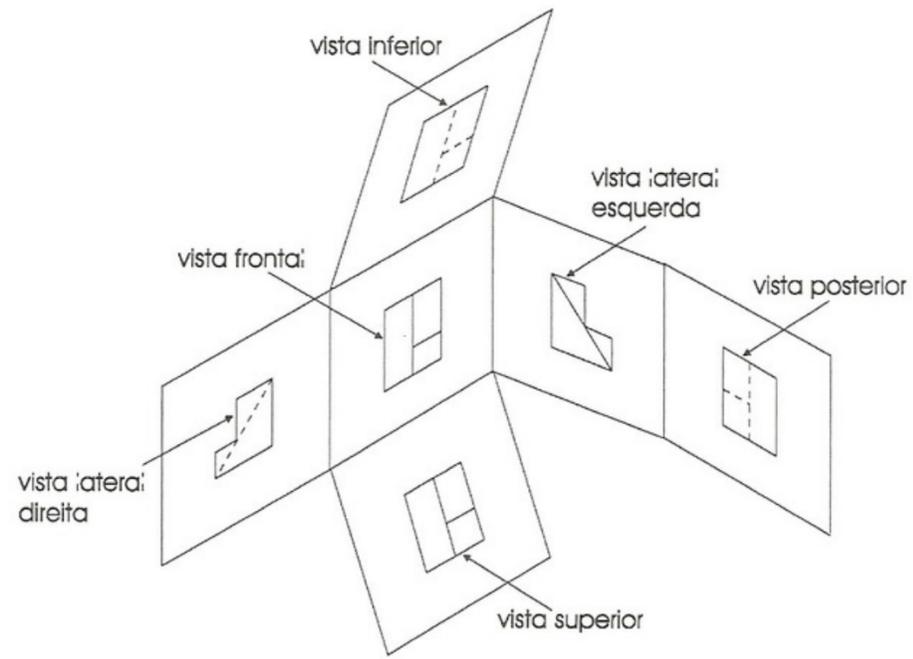
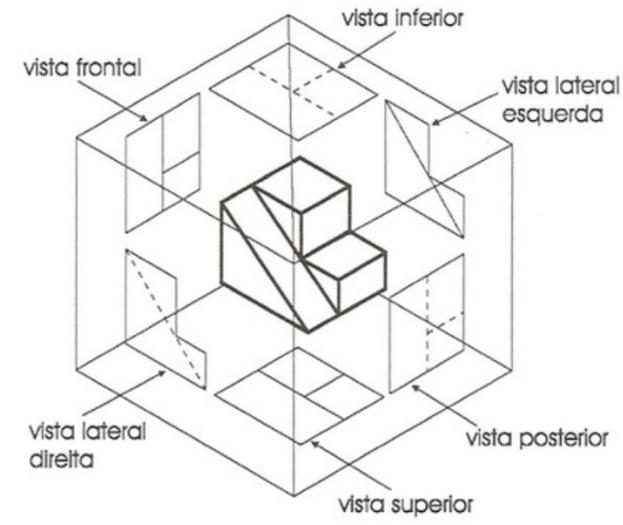
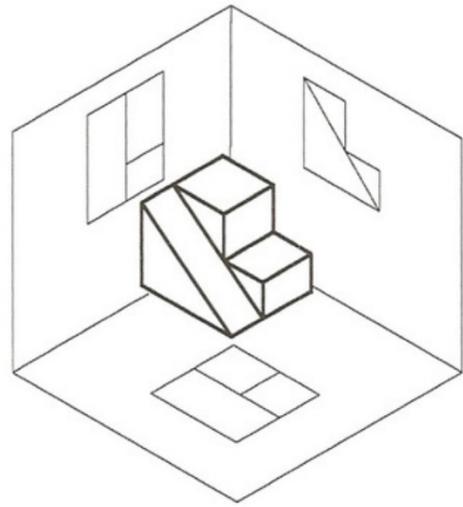


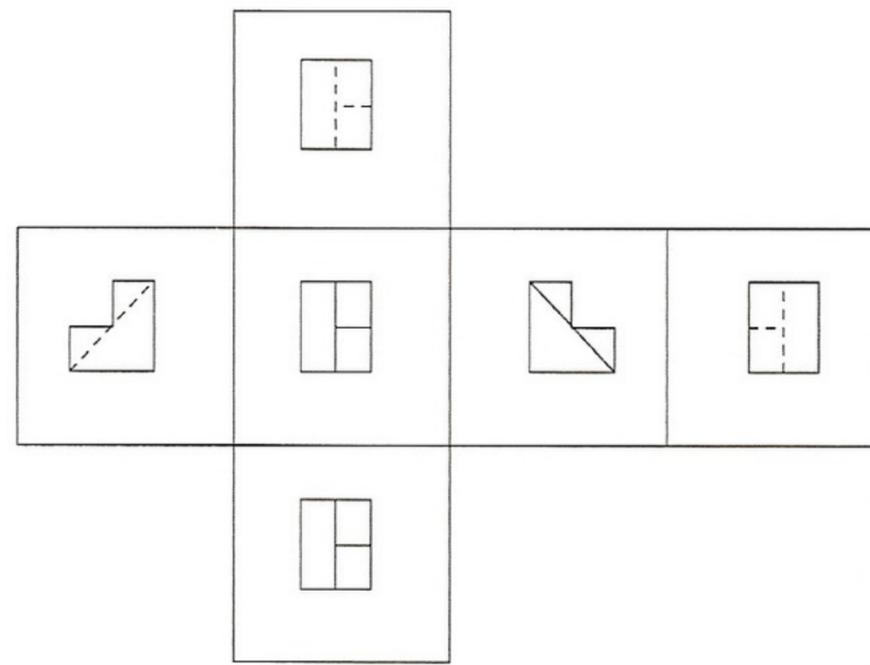
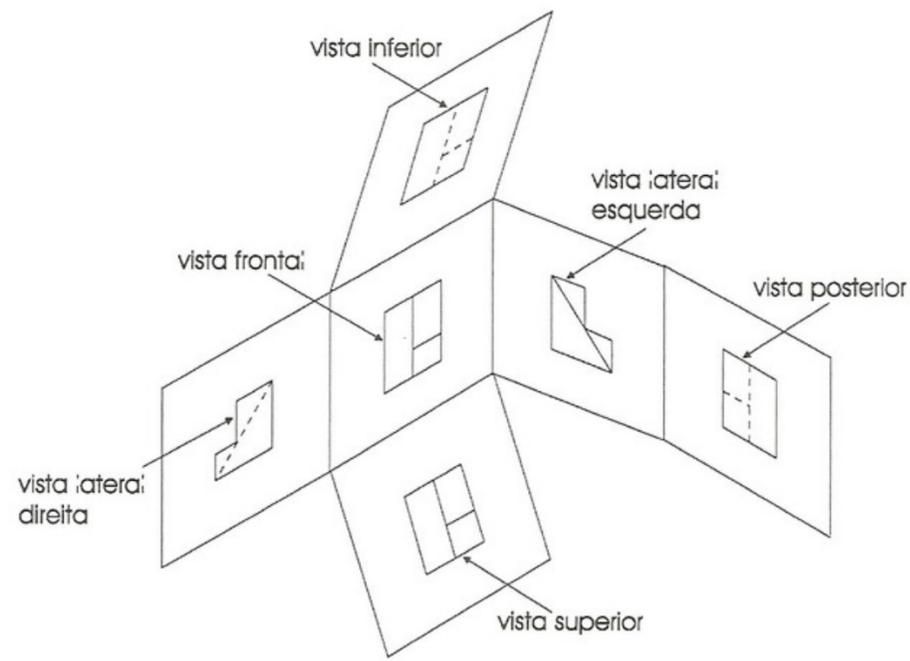
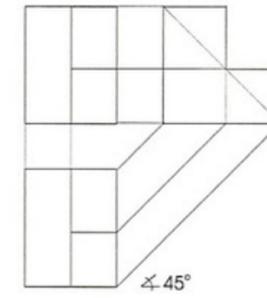
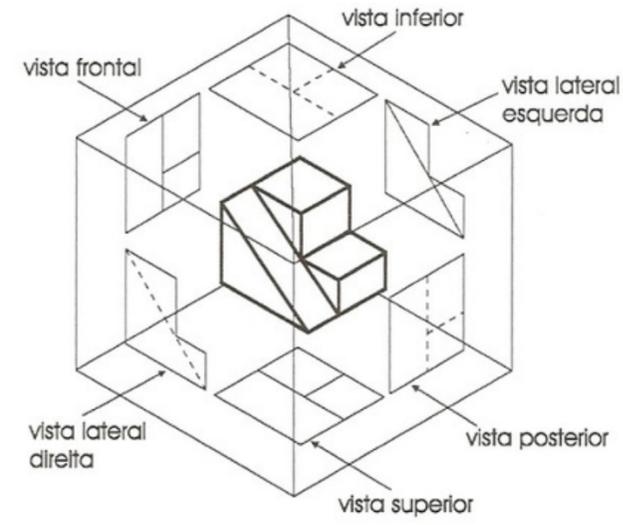
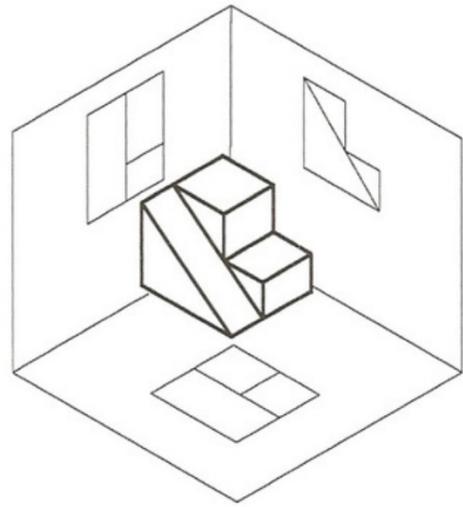
LINHAS A 45º



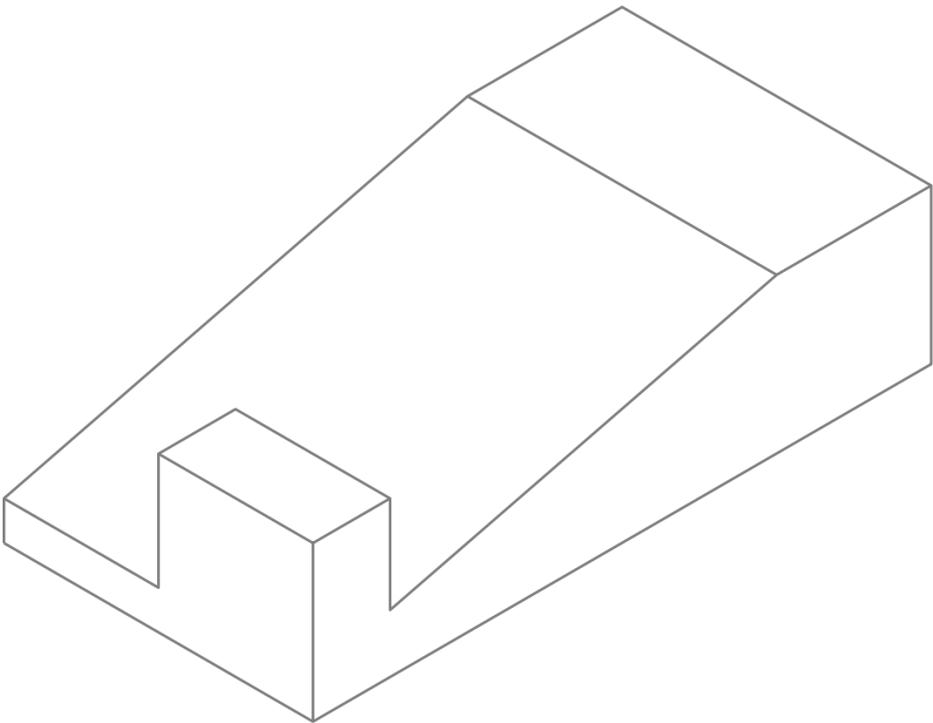


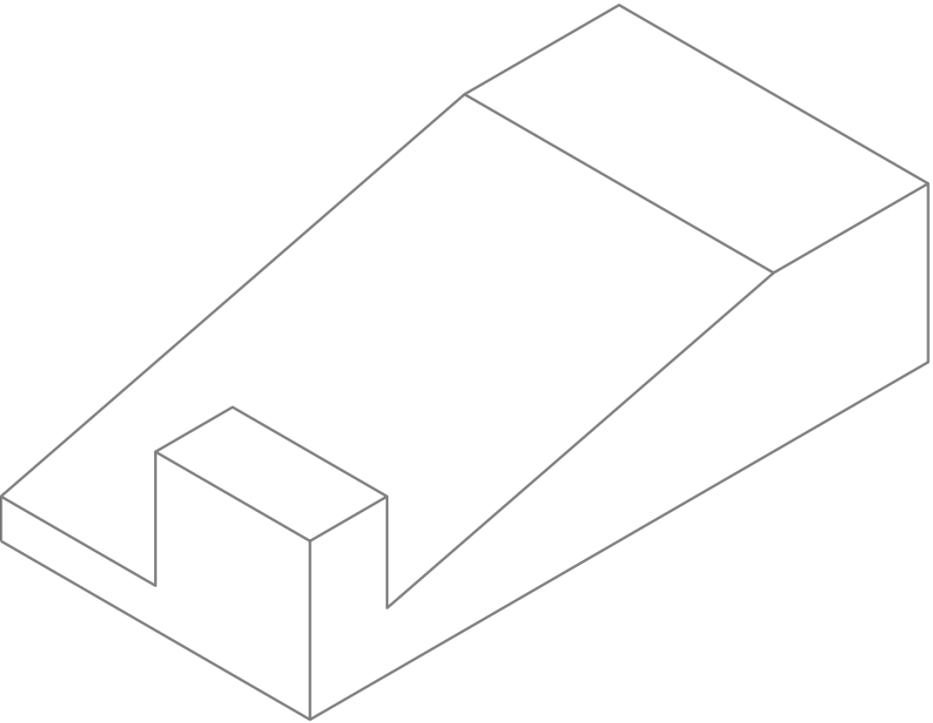


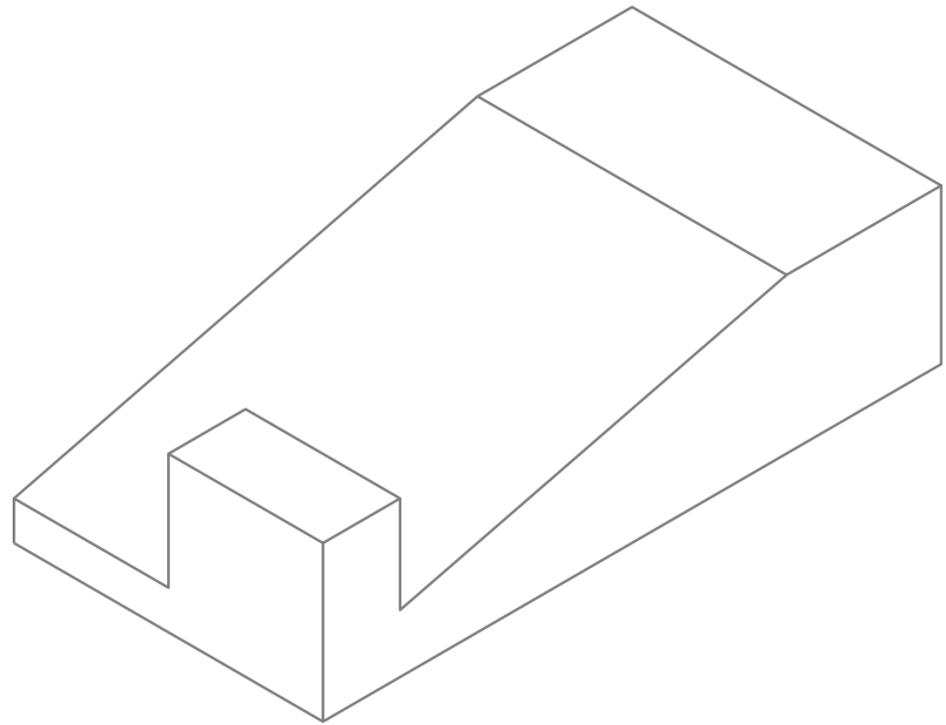
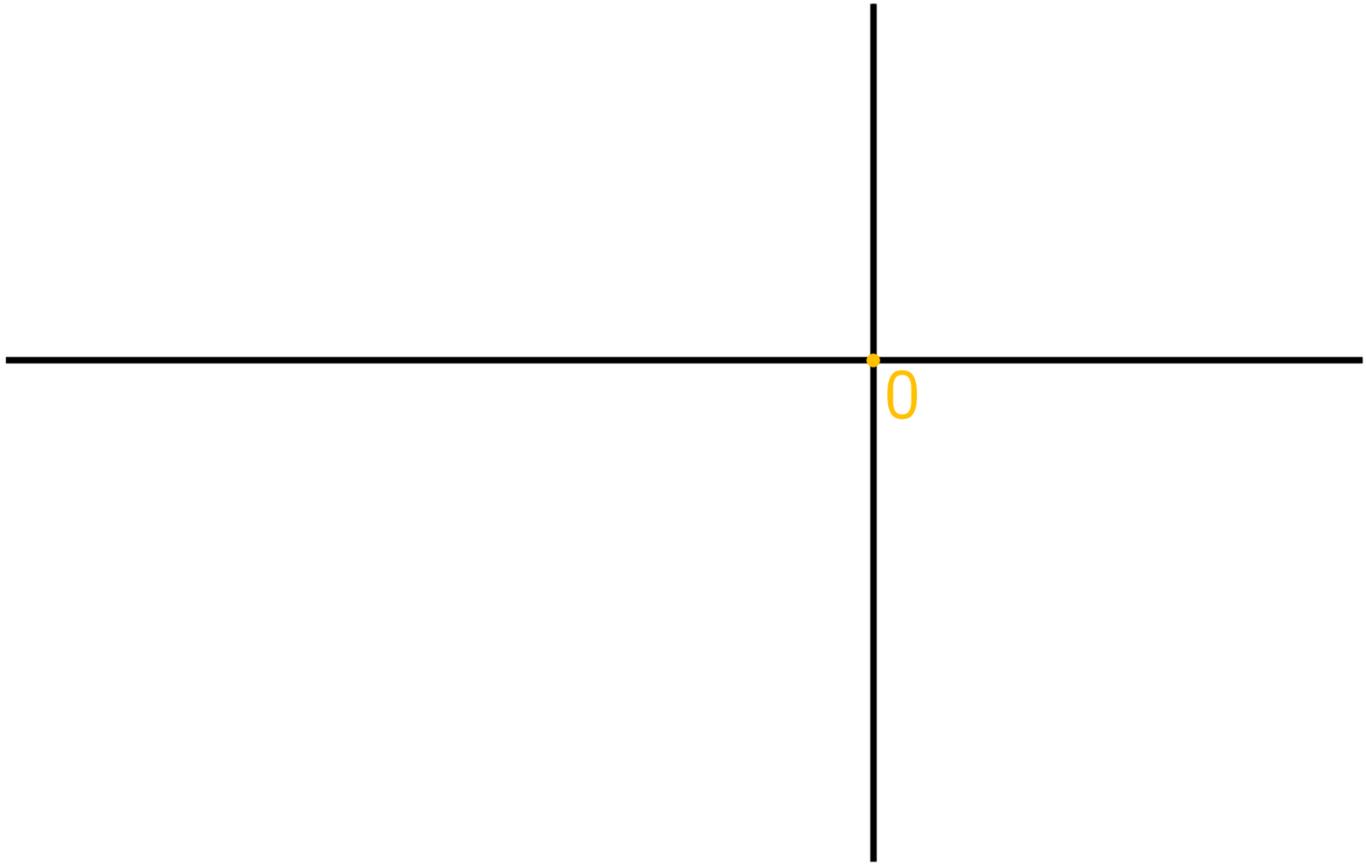


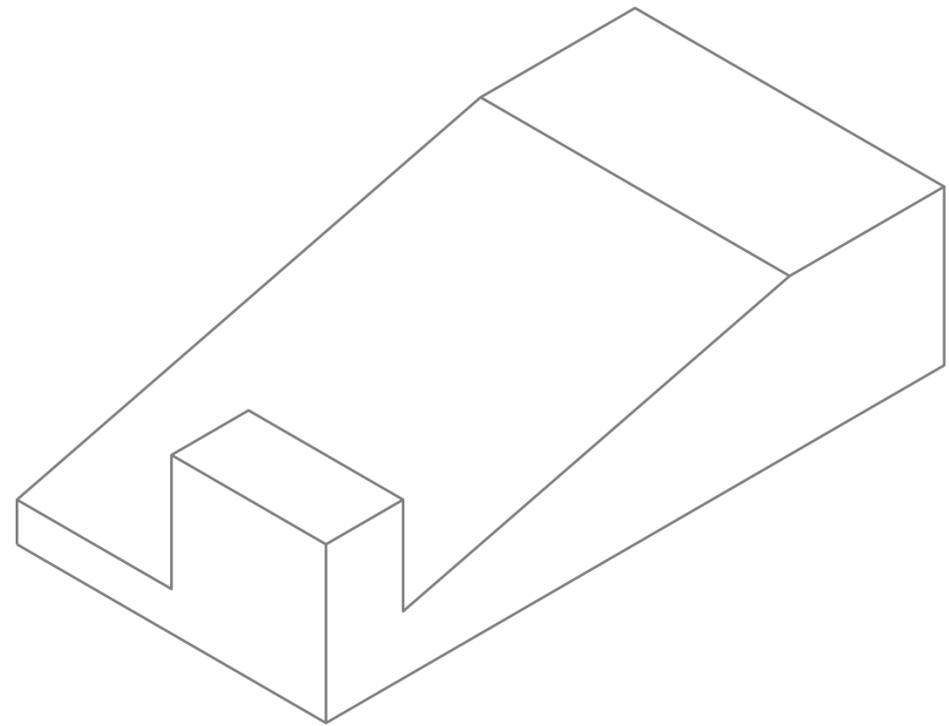
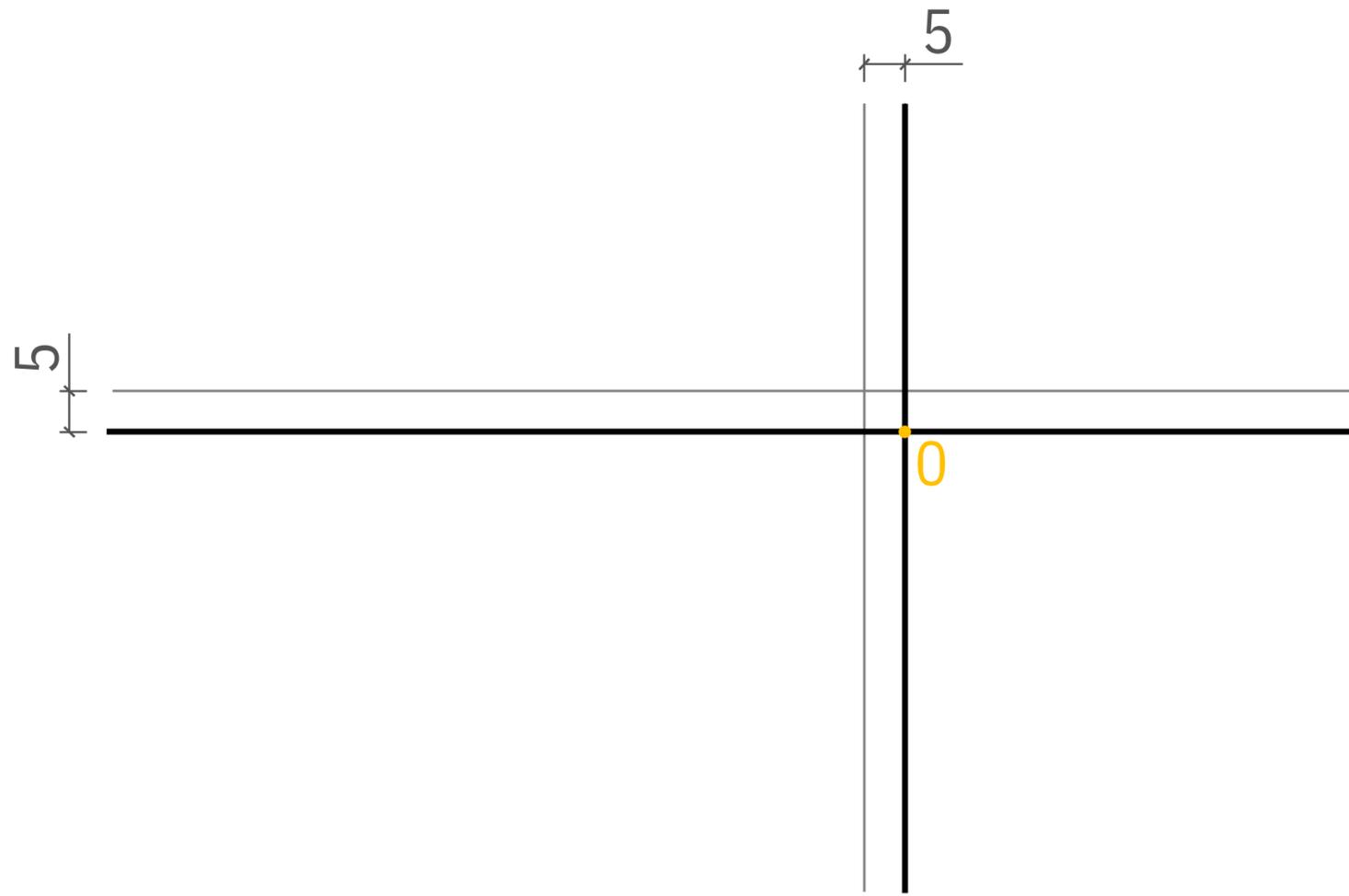


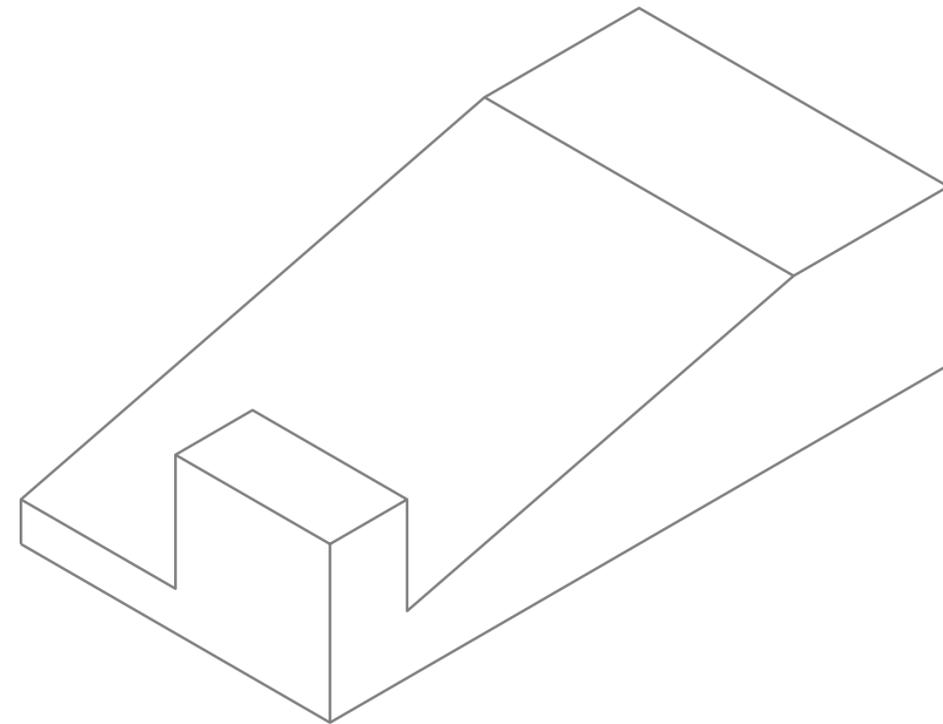
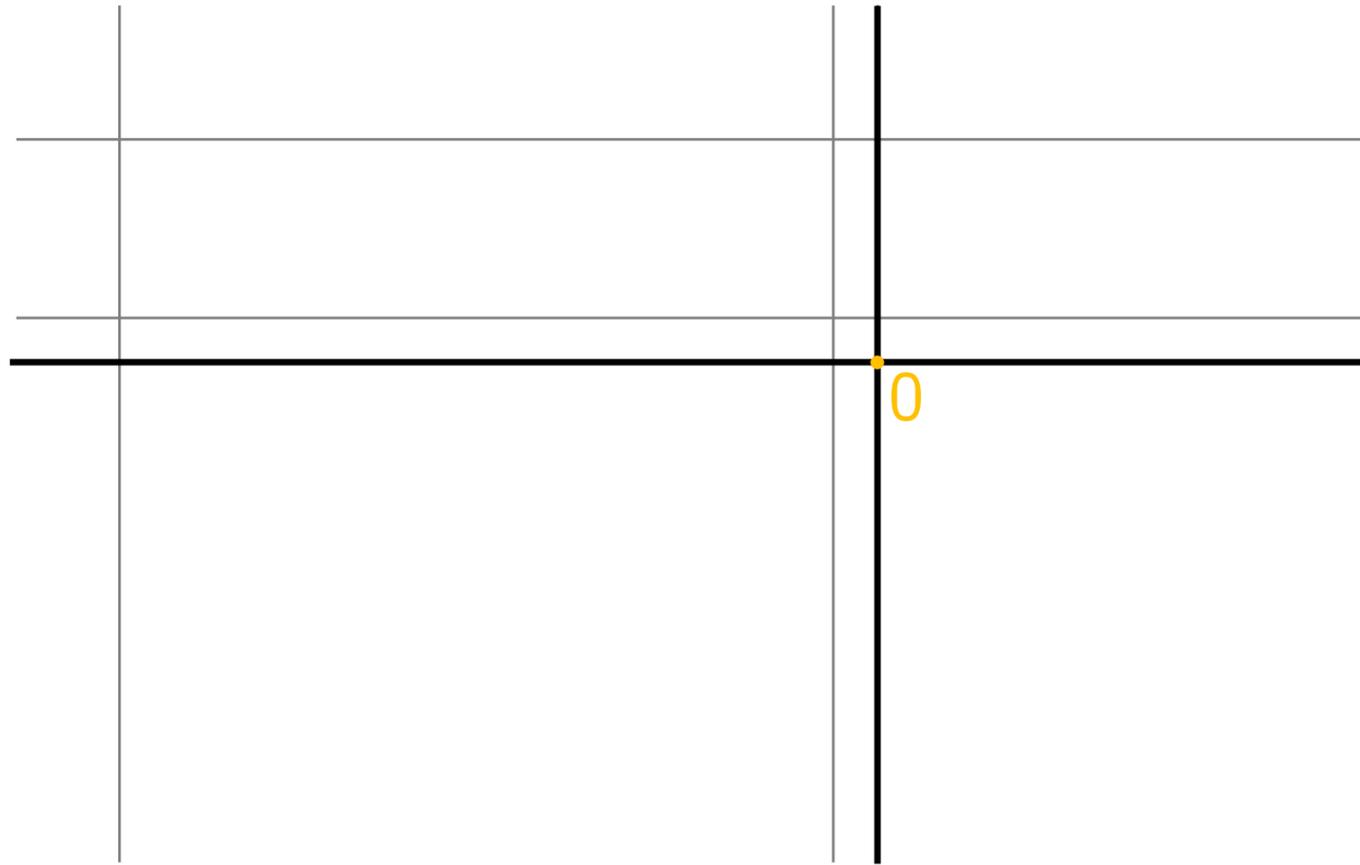
PASSO A PASSO EXERCÍCIO E1

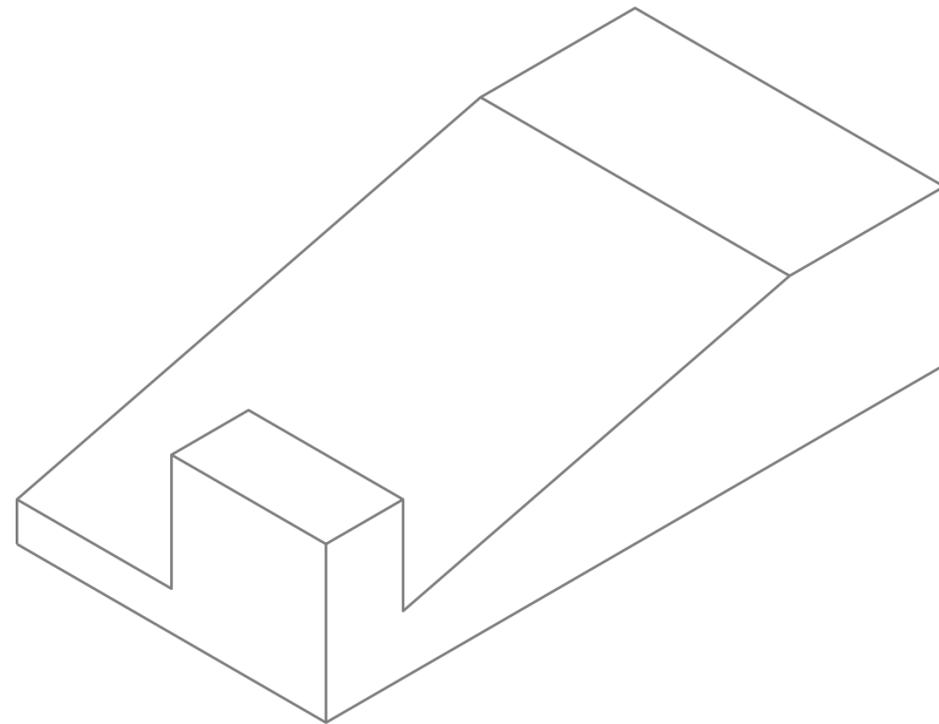
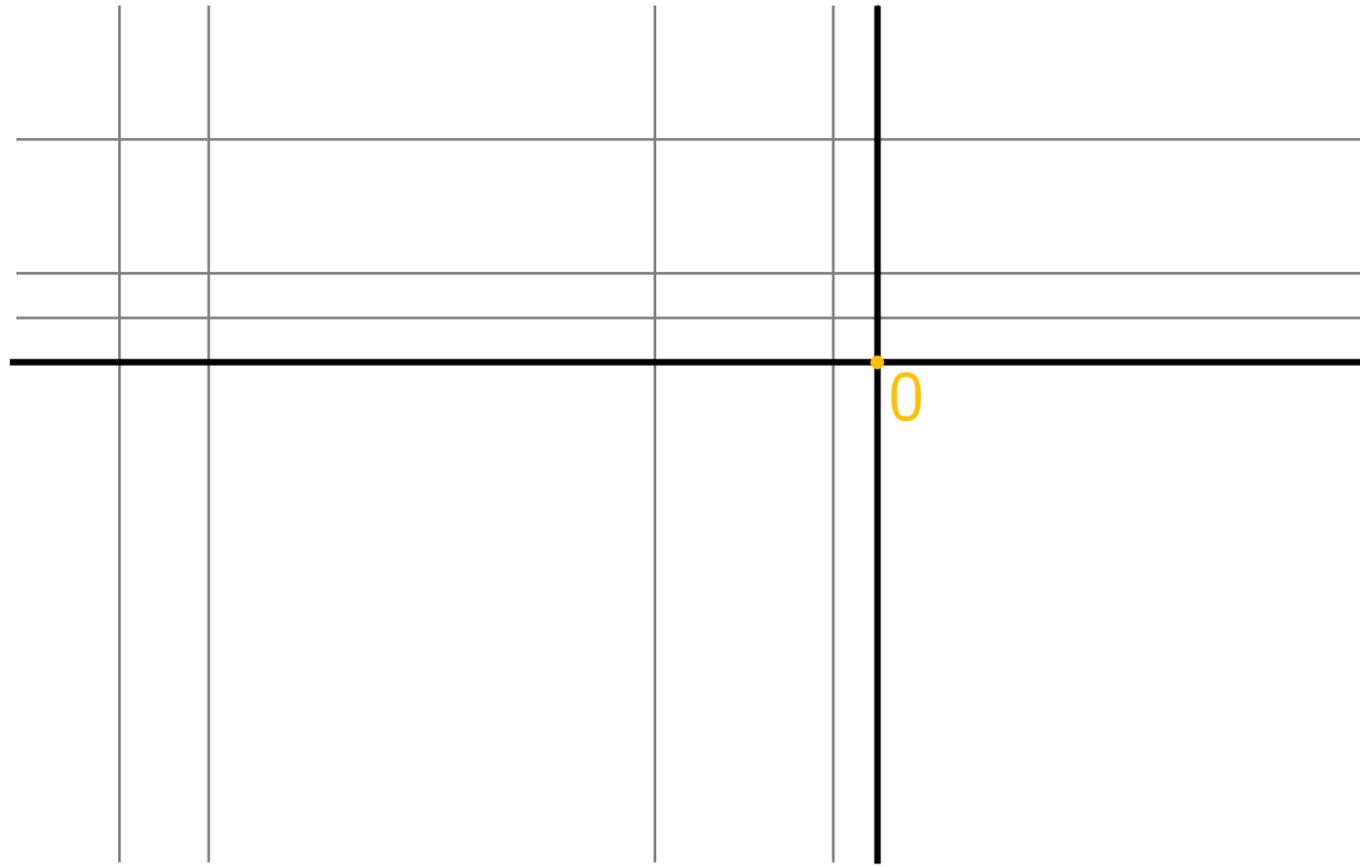


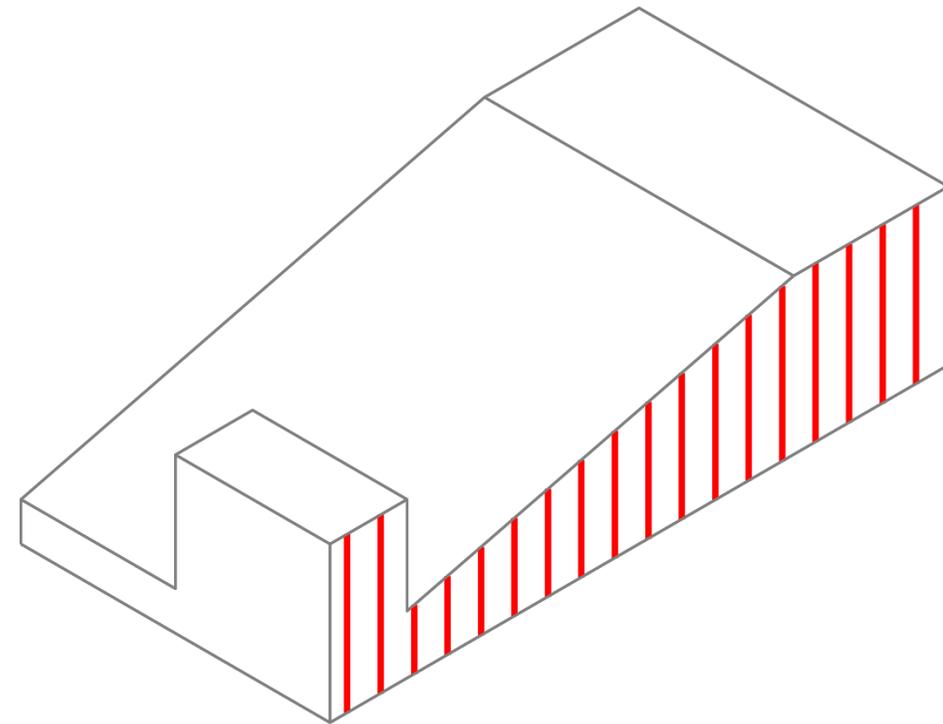
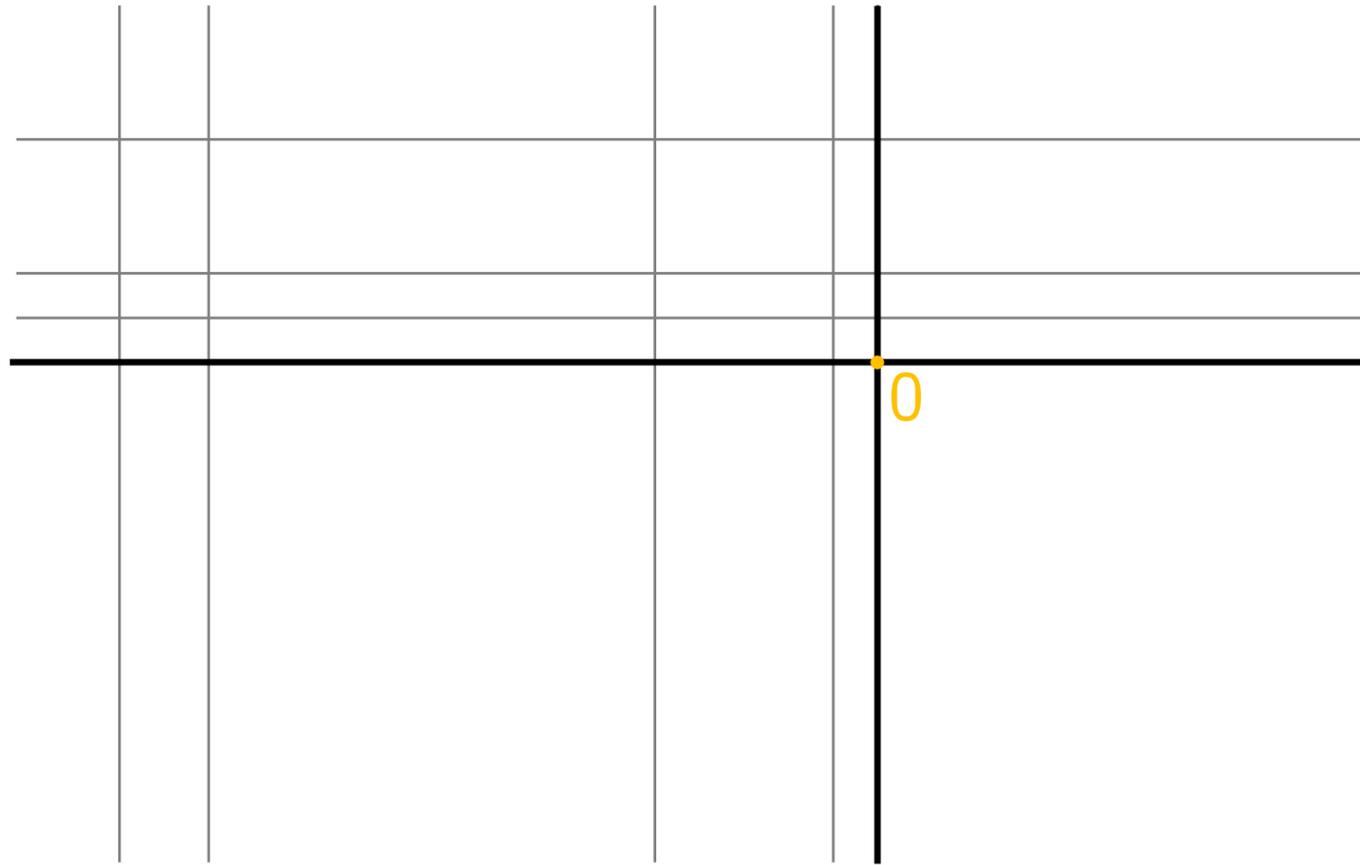


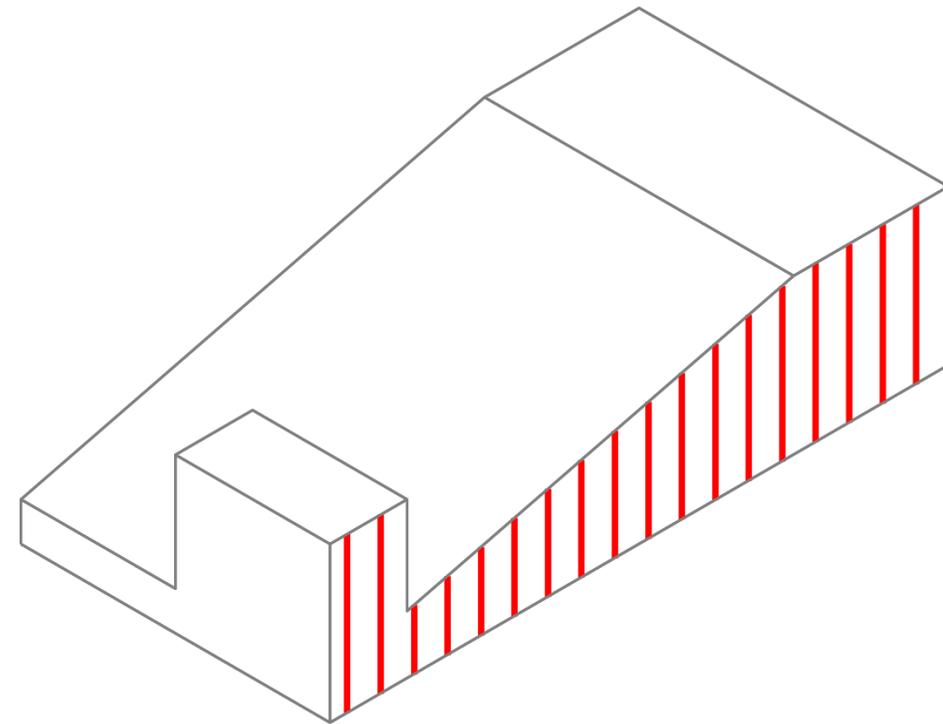
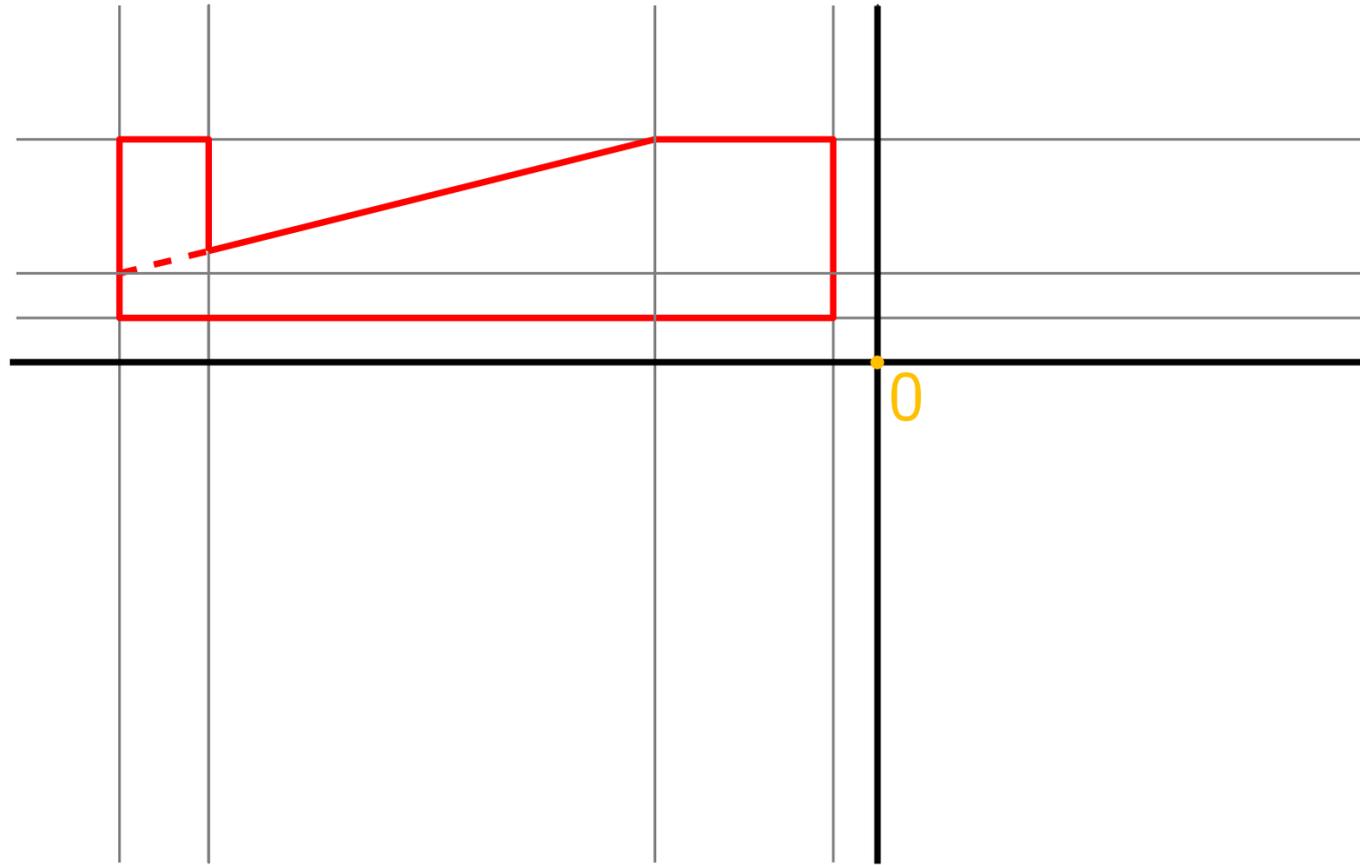


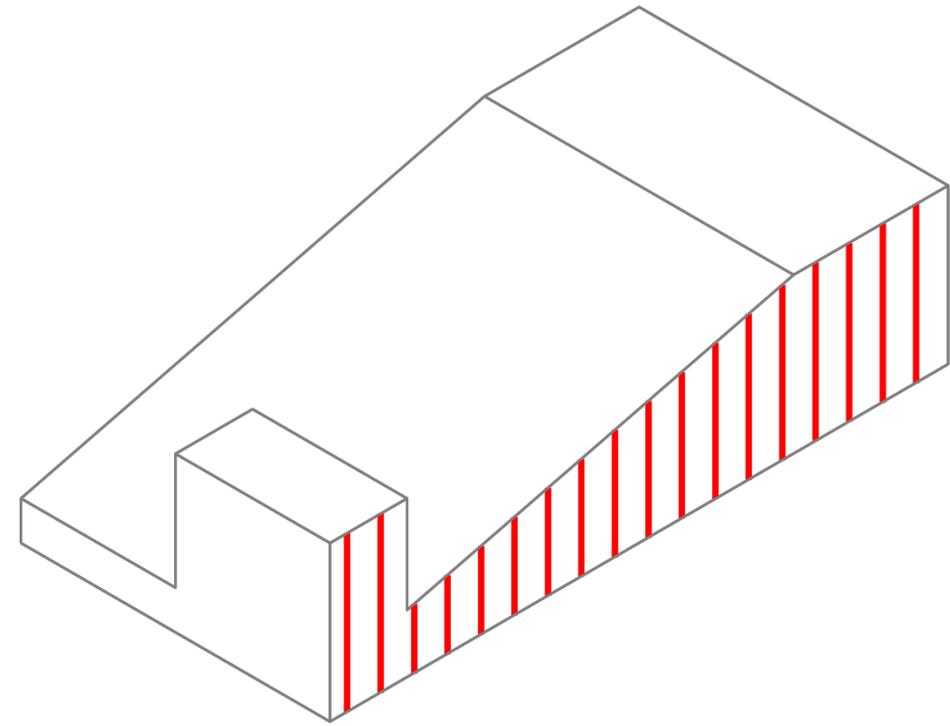
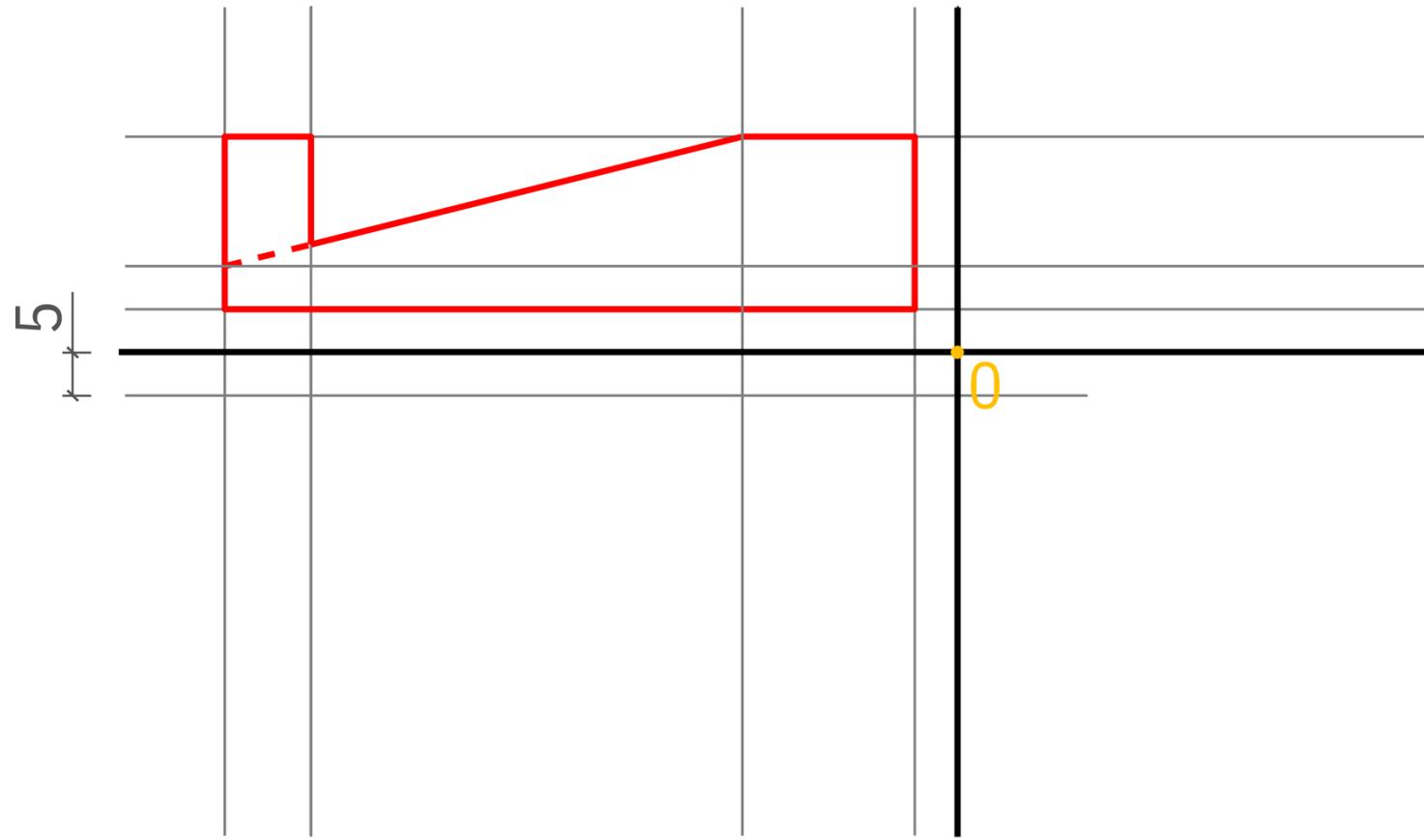


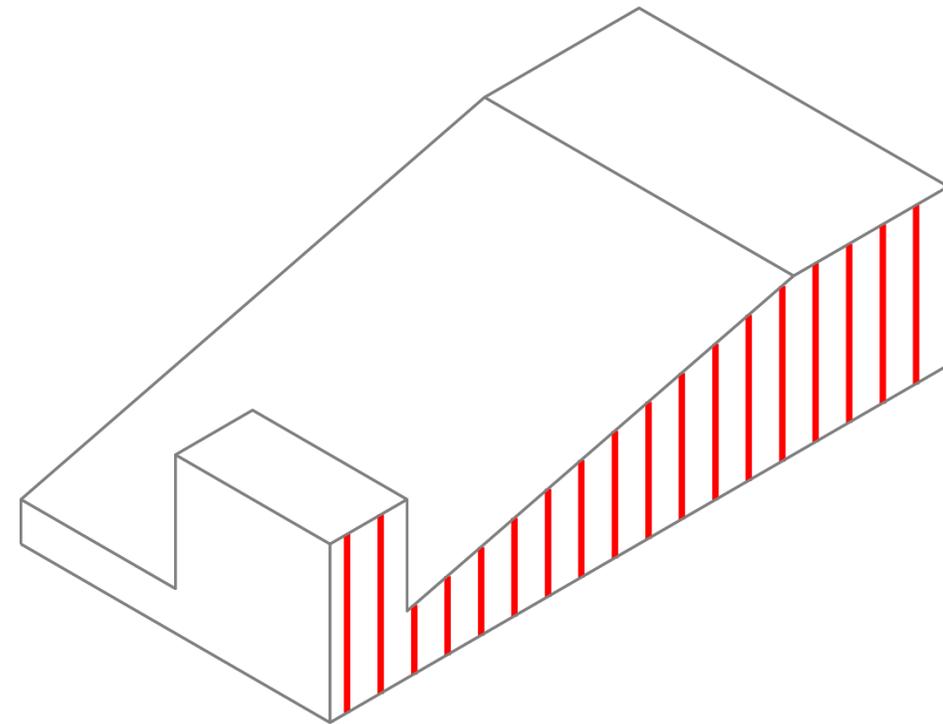
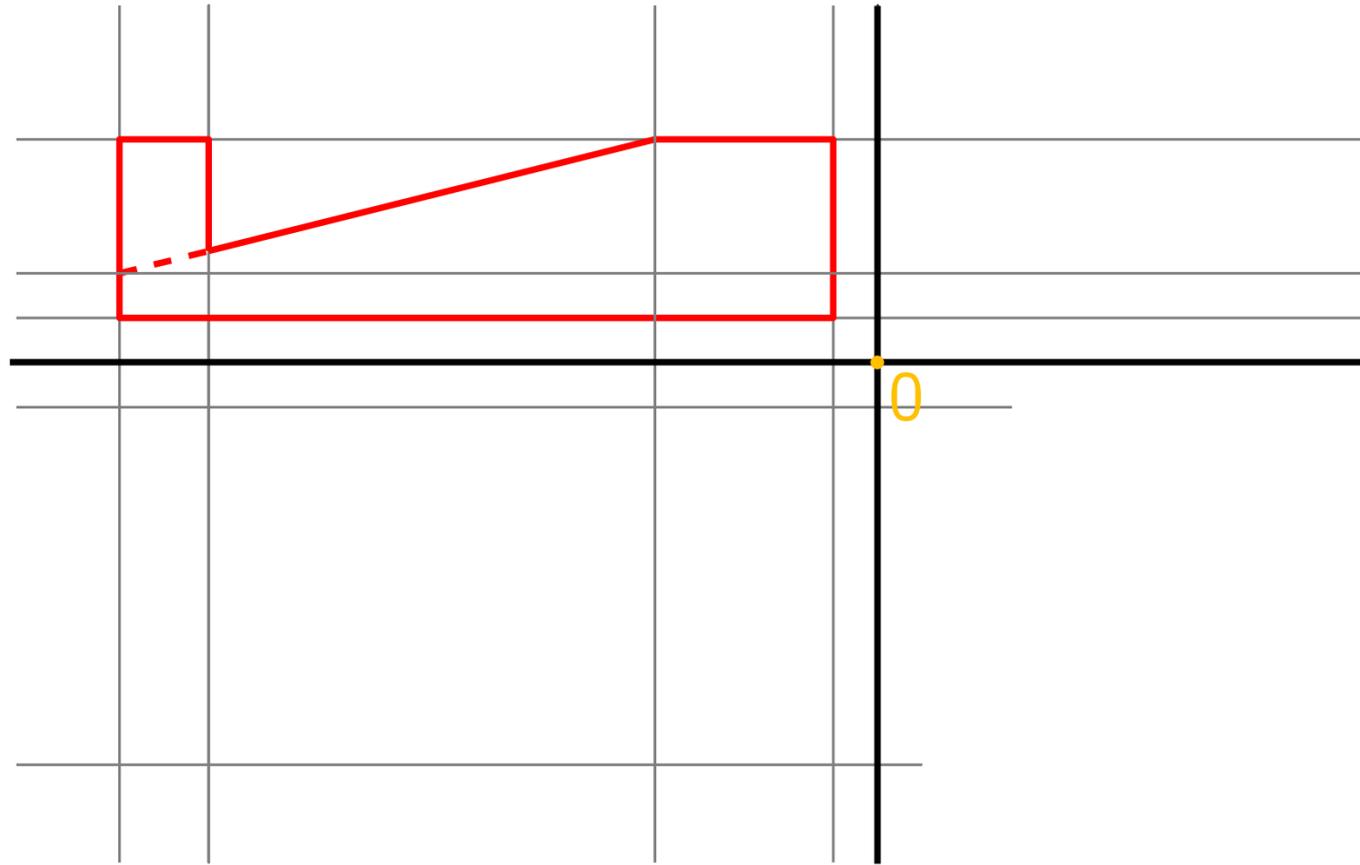


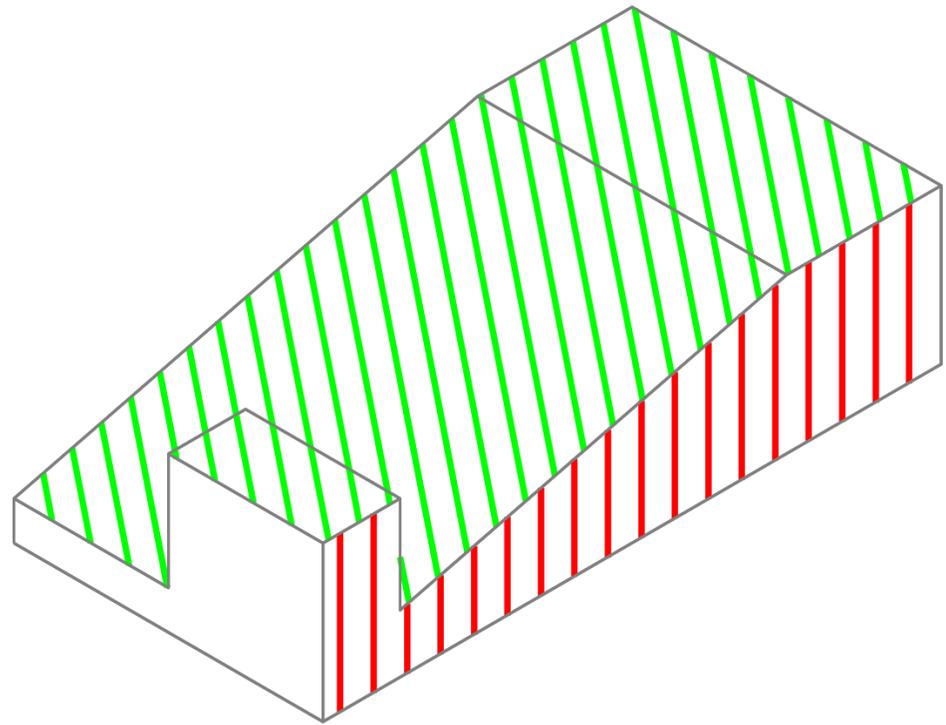
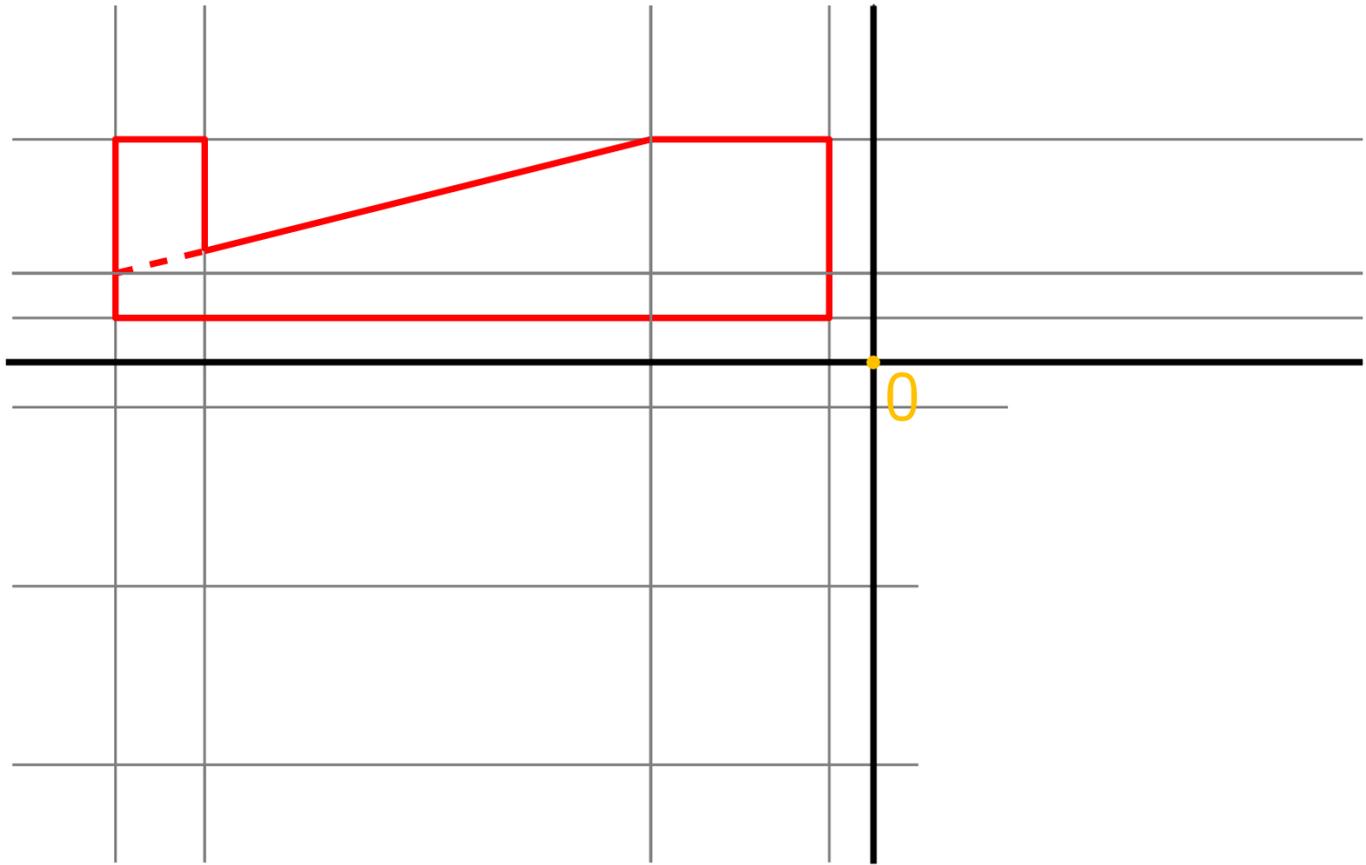


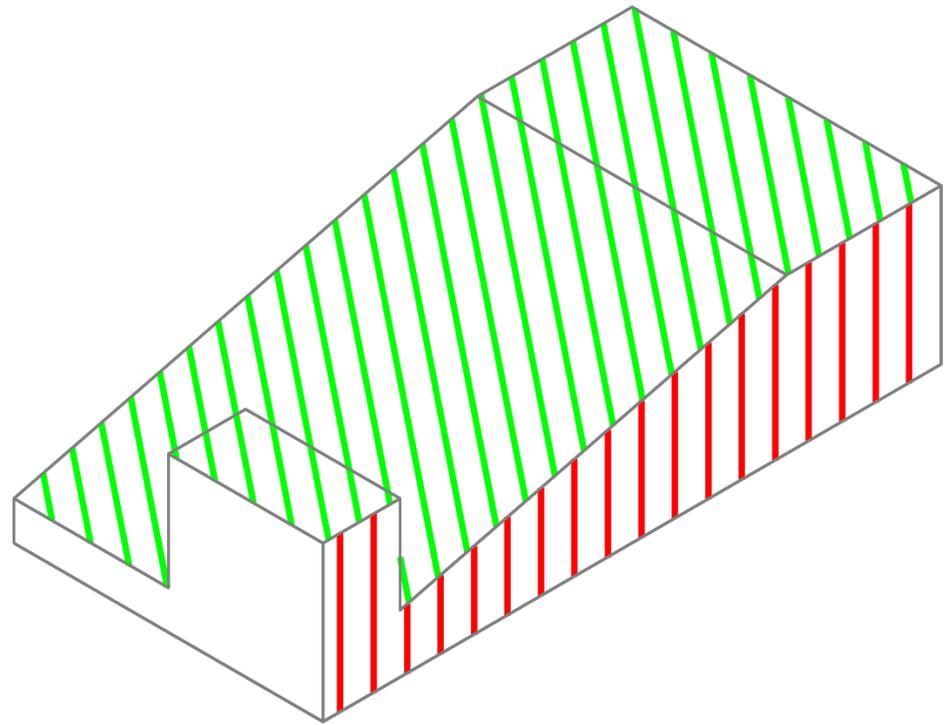
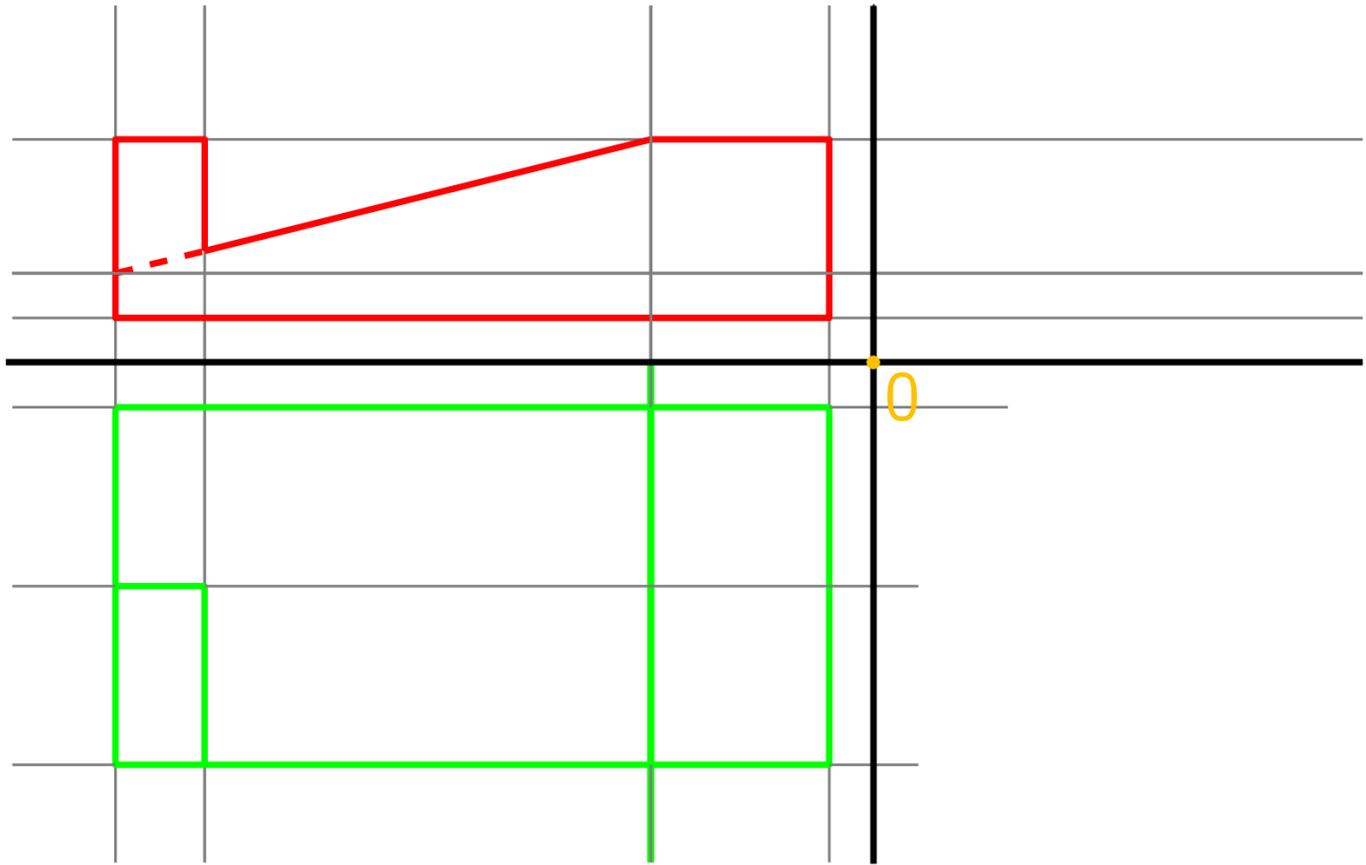


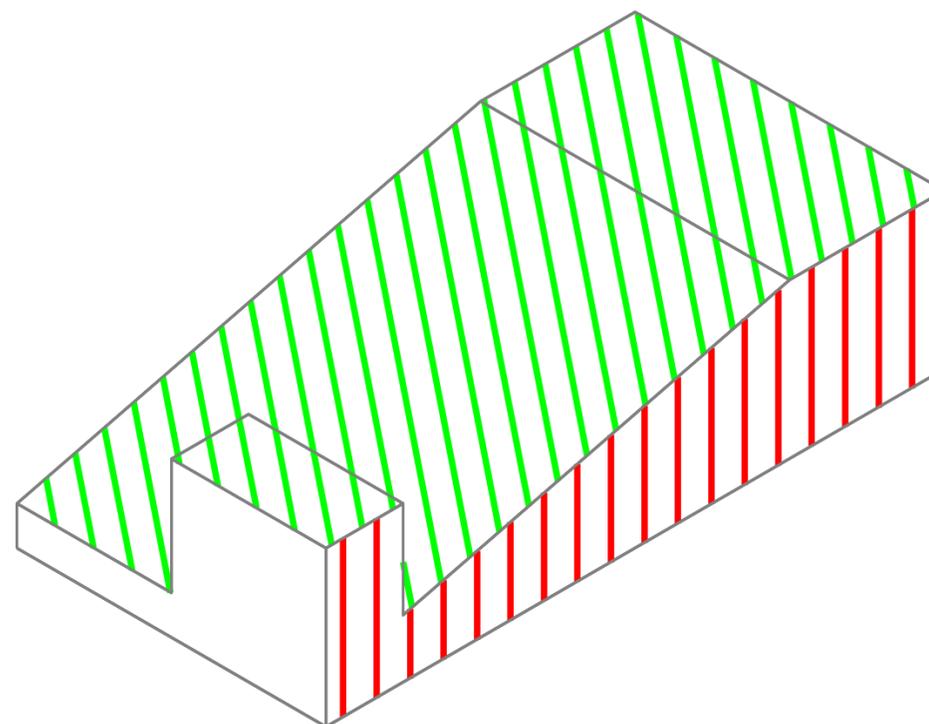
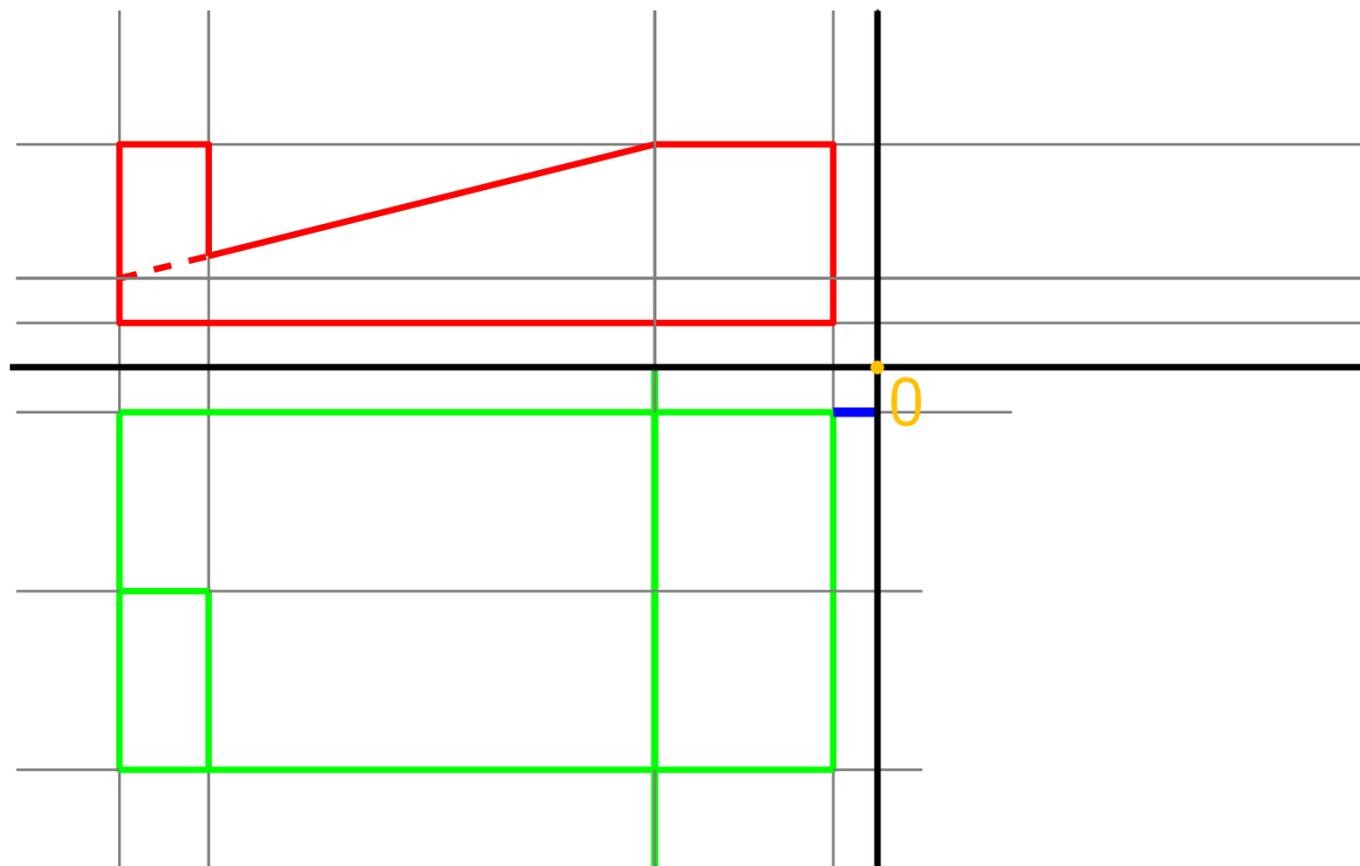


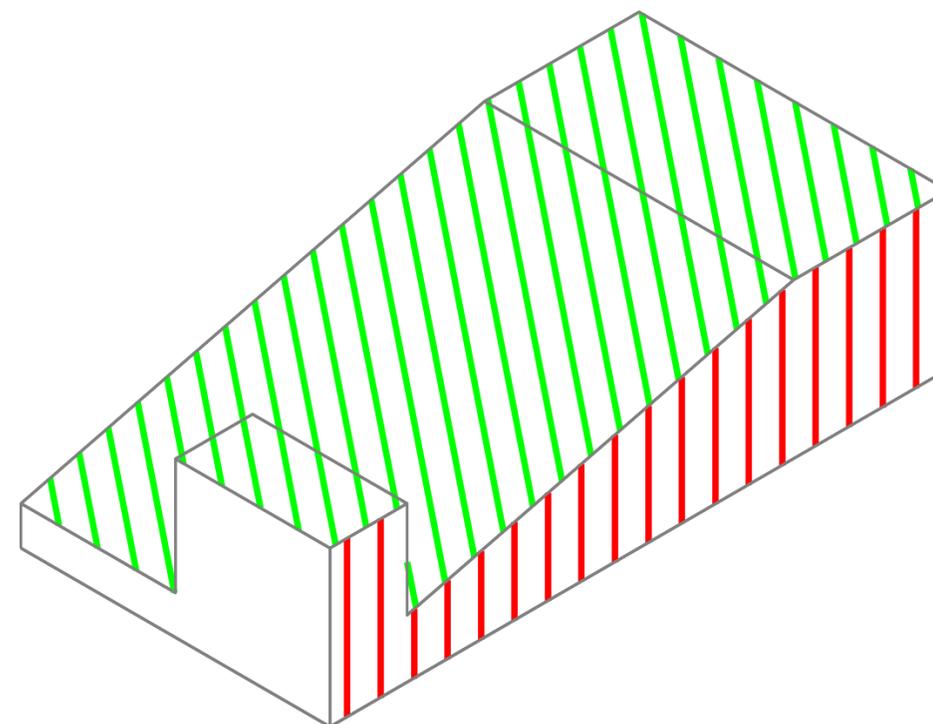
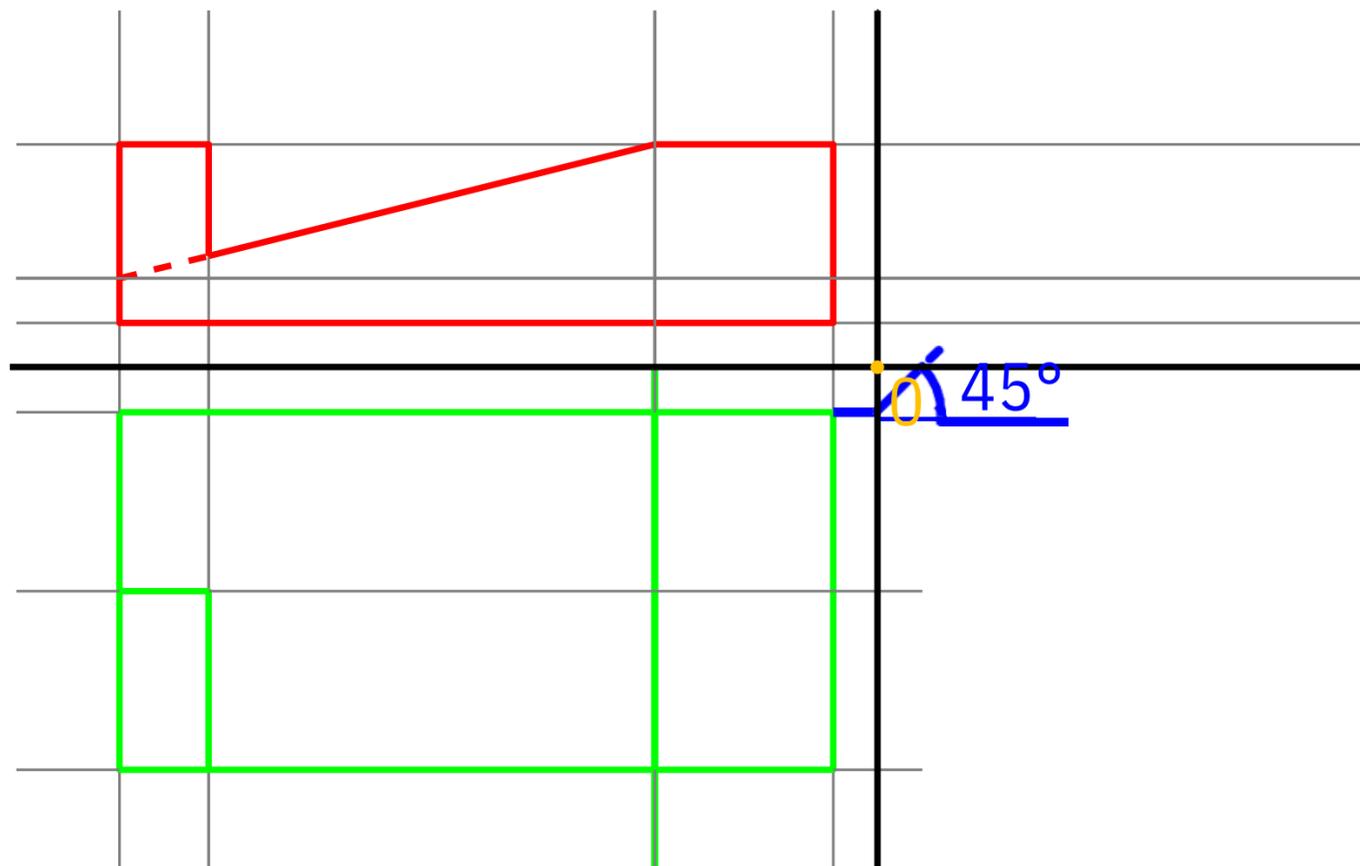


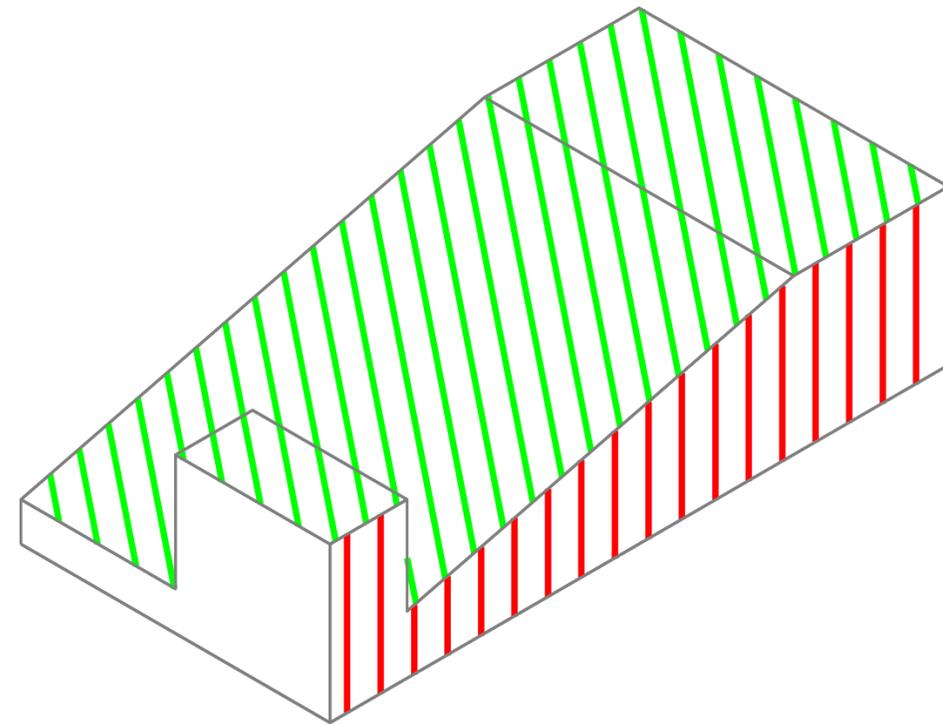
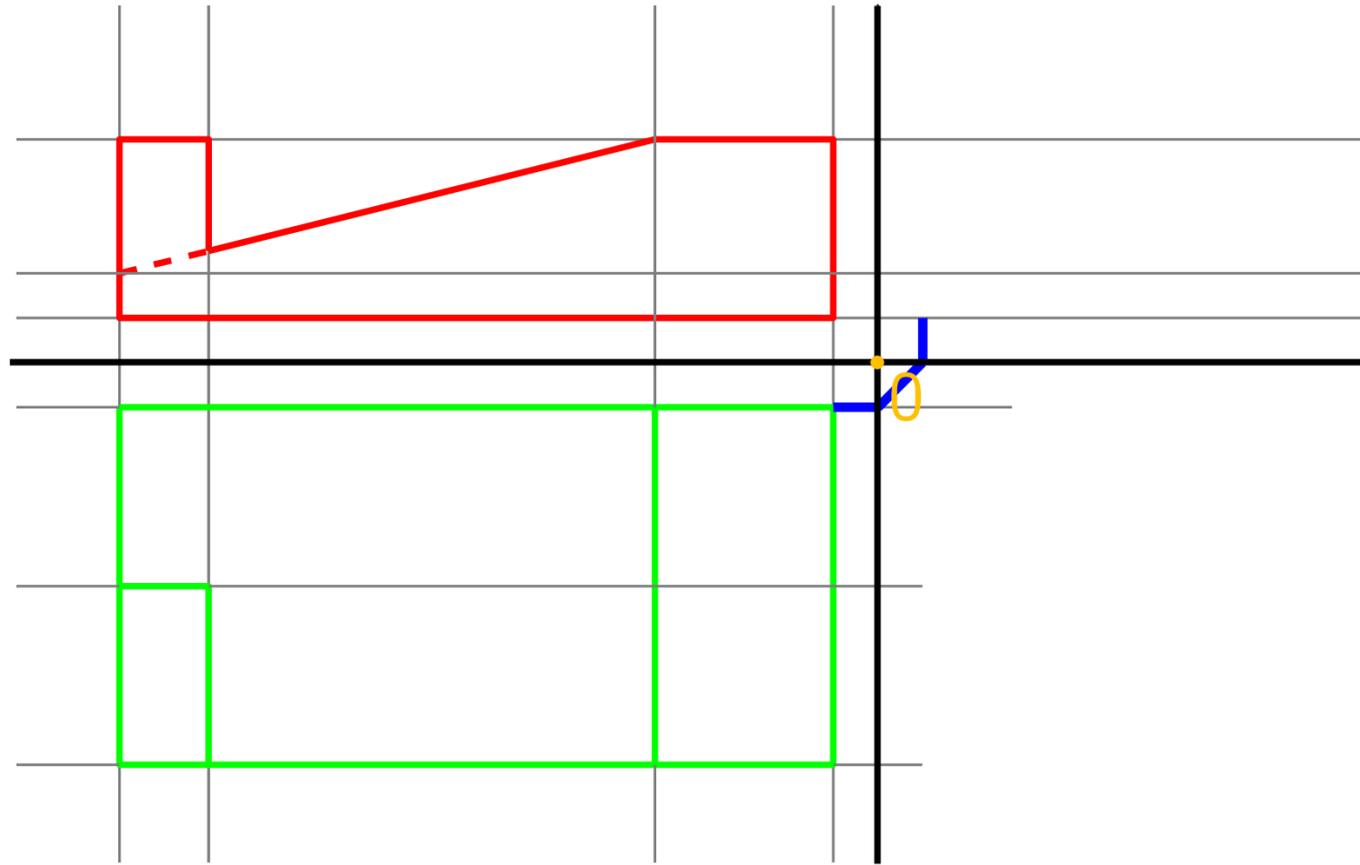


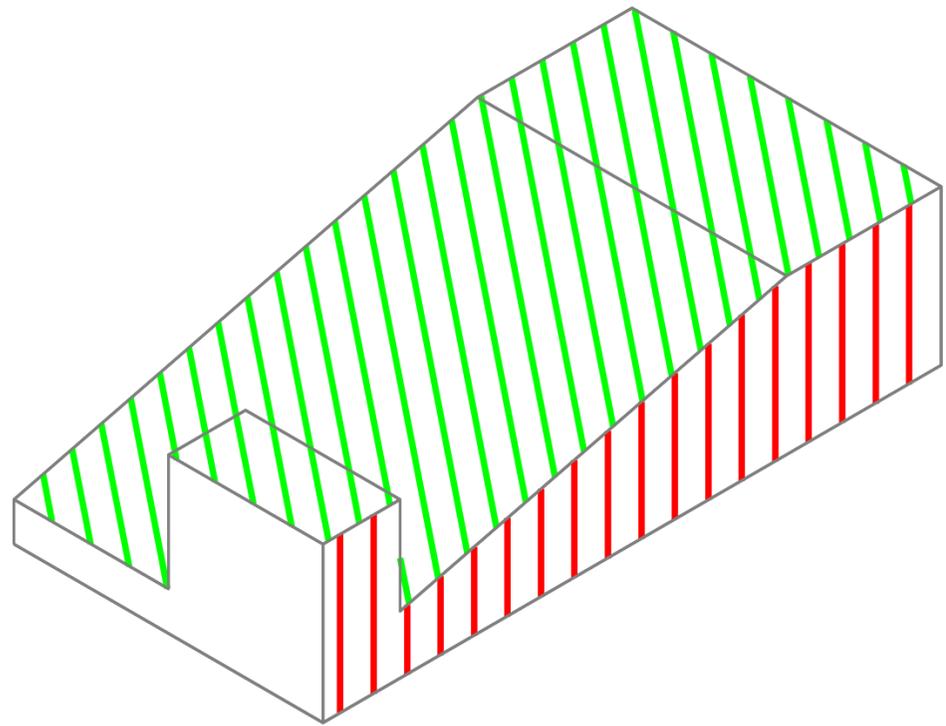
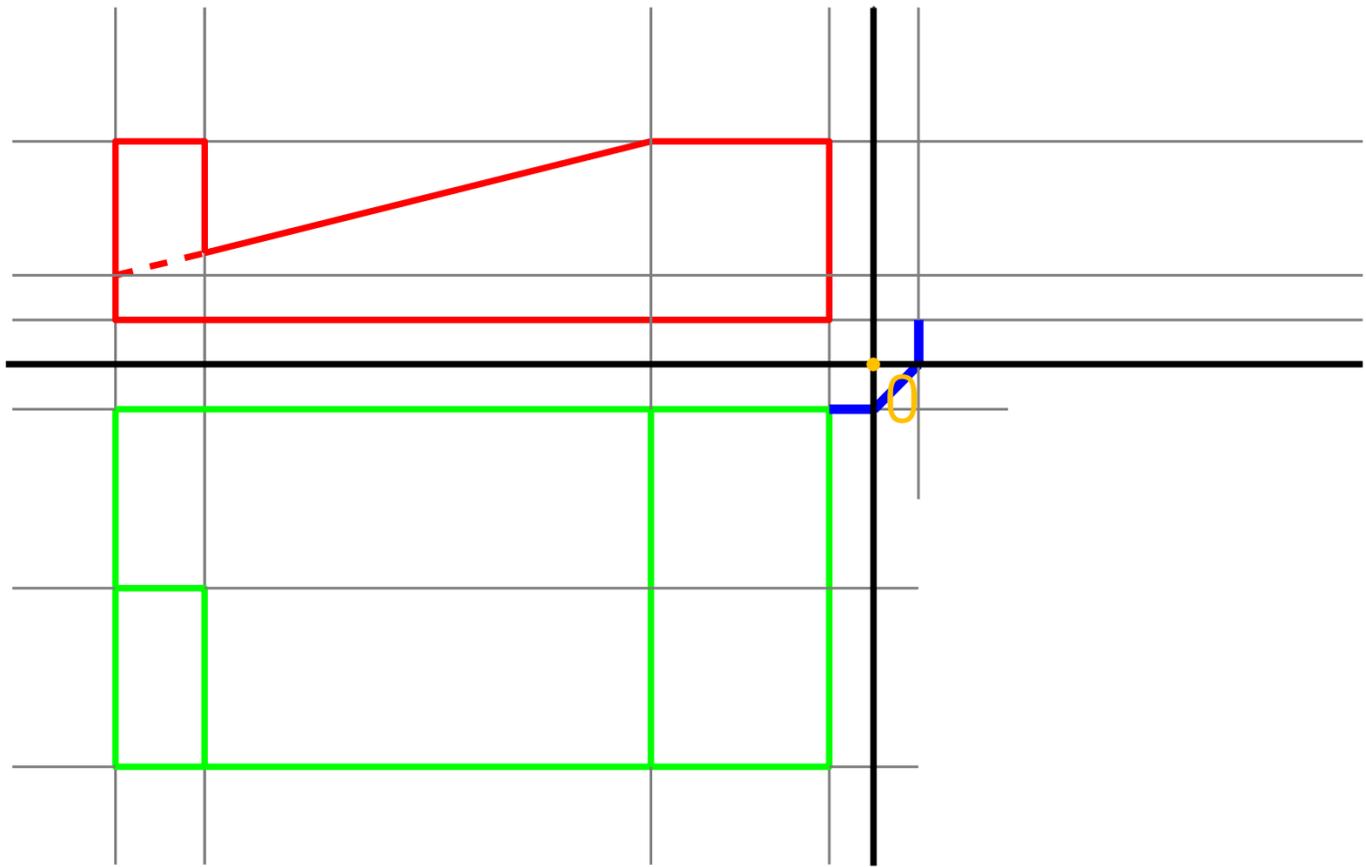


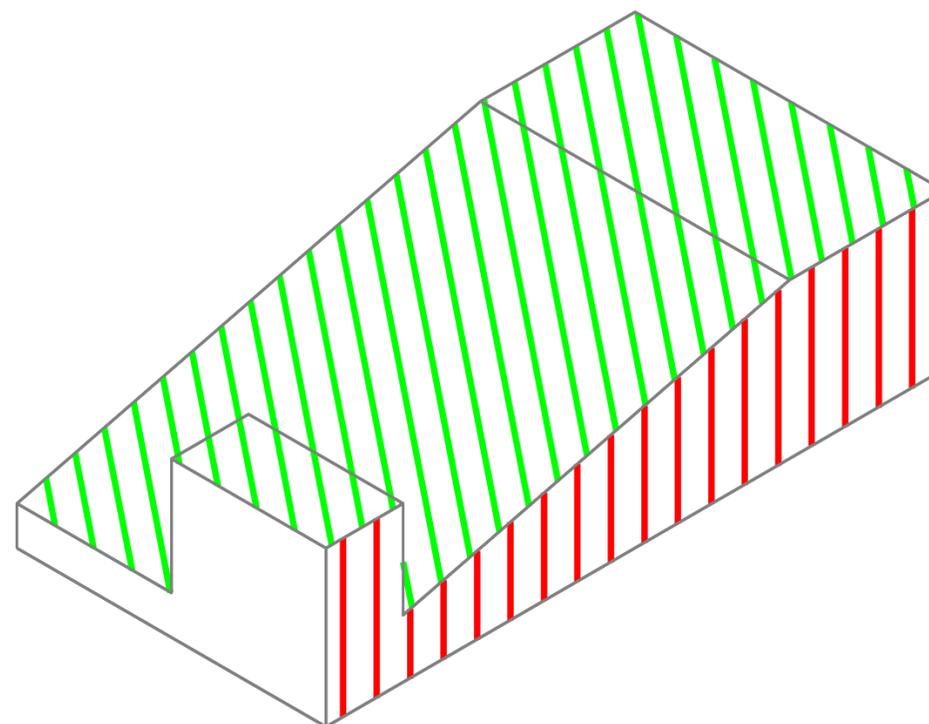
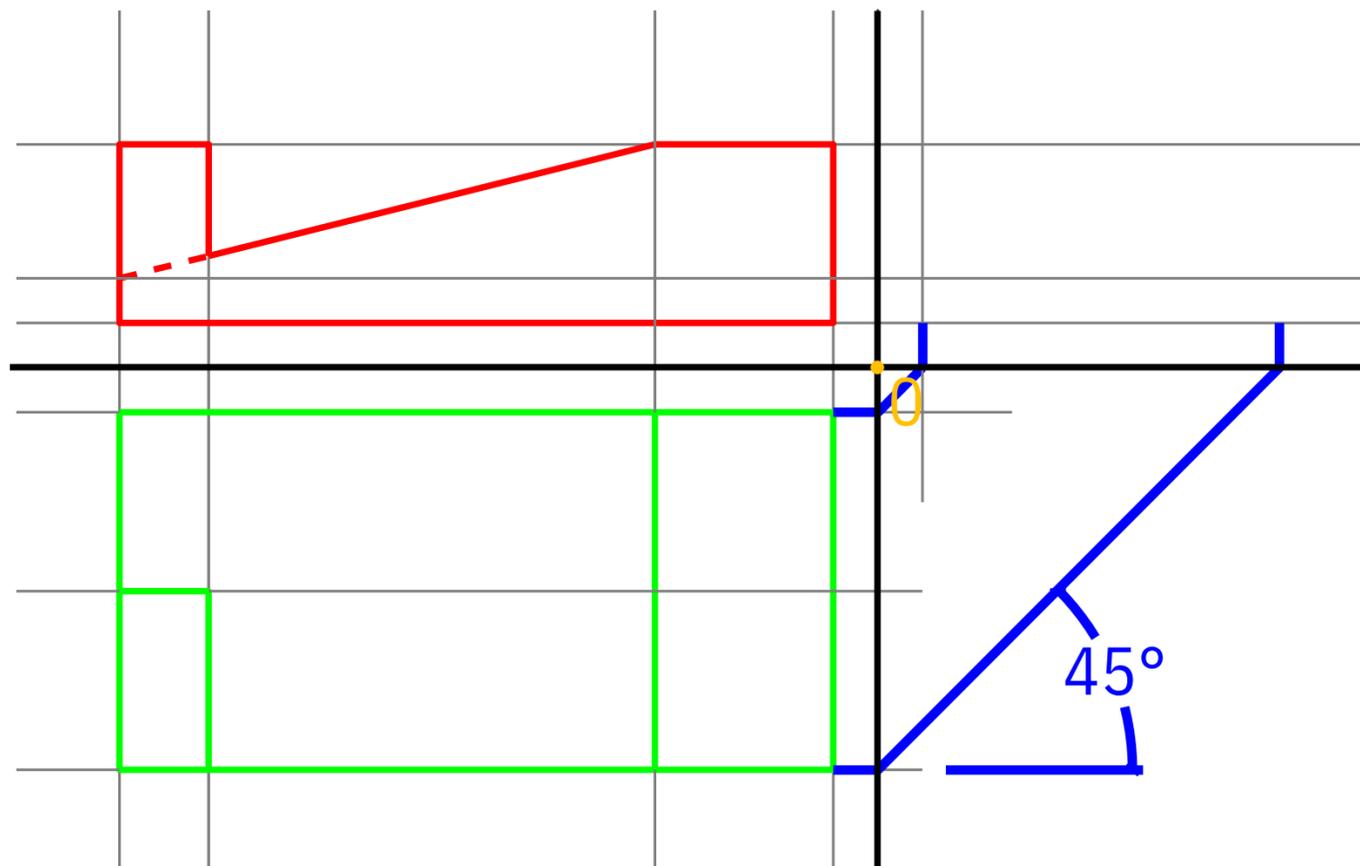


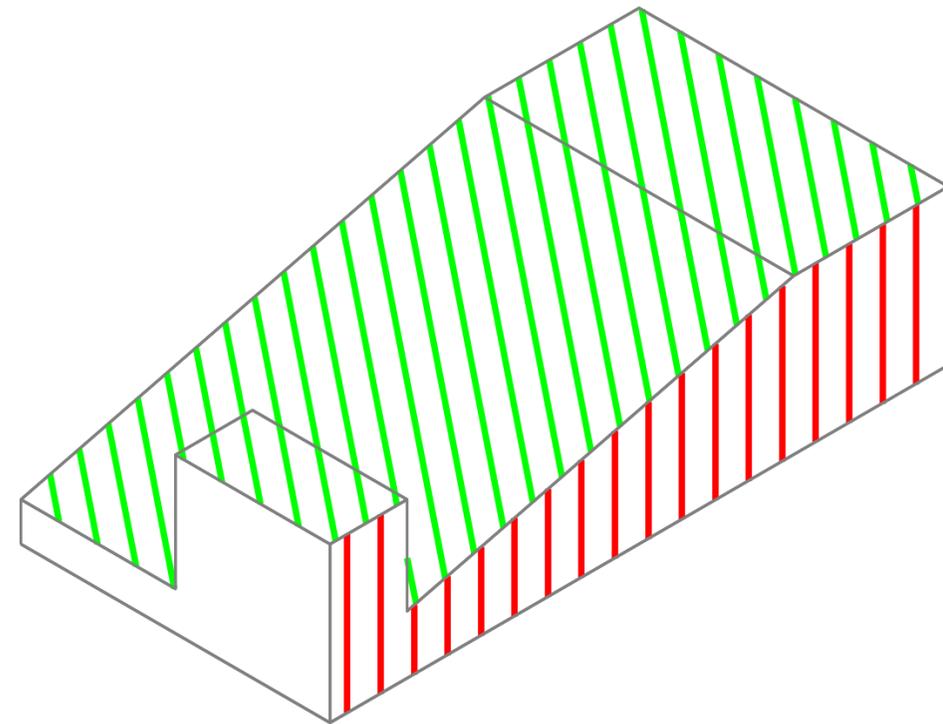
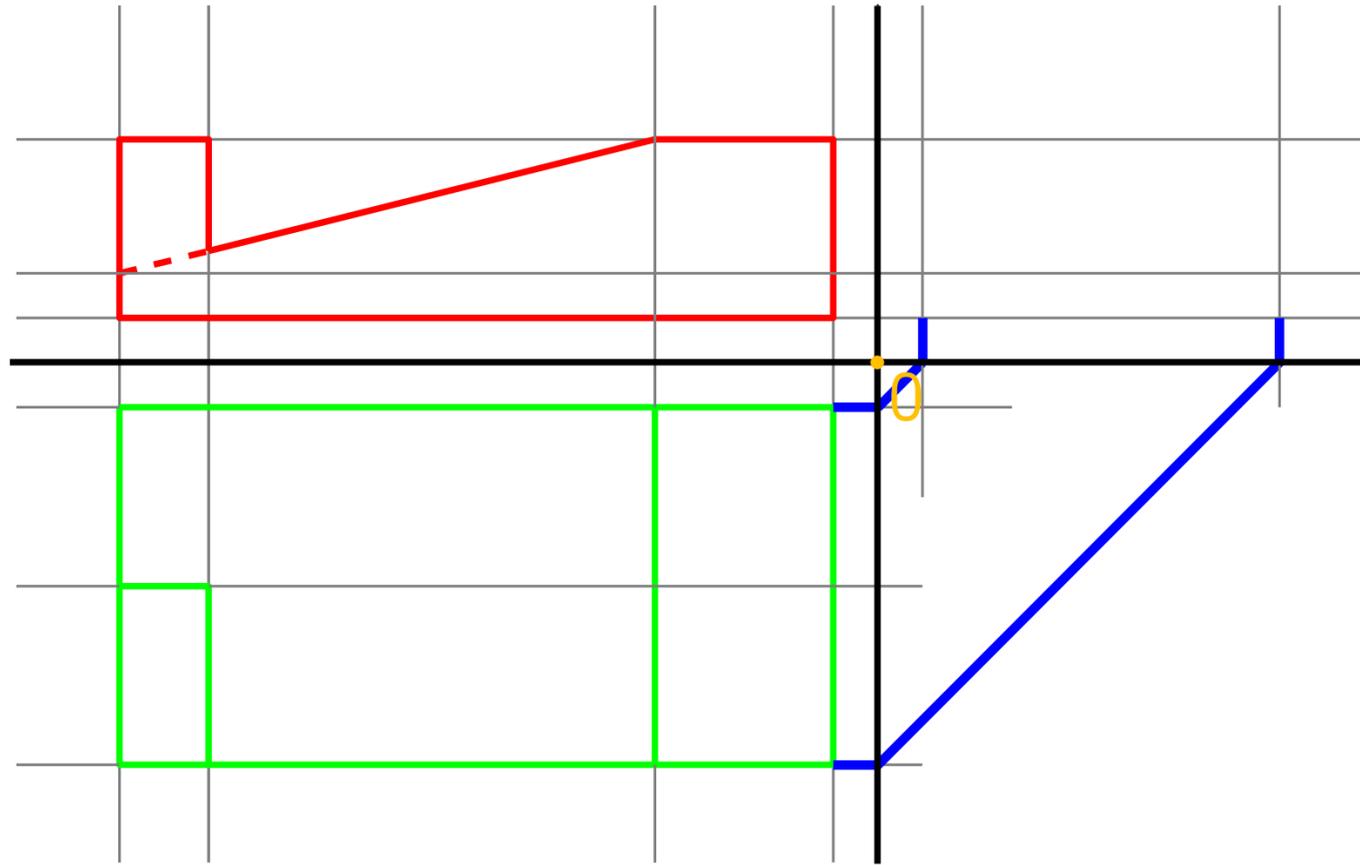


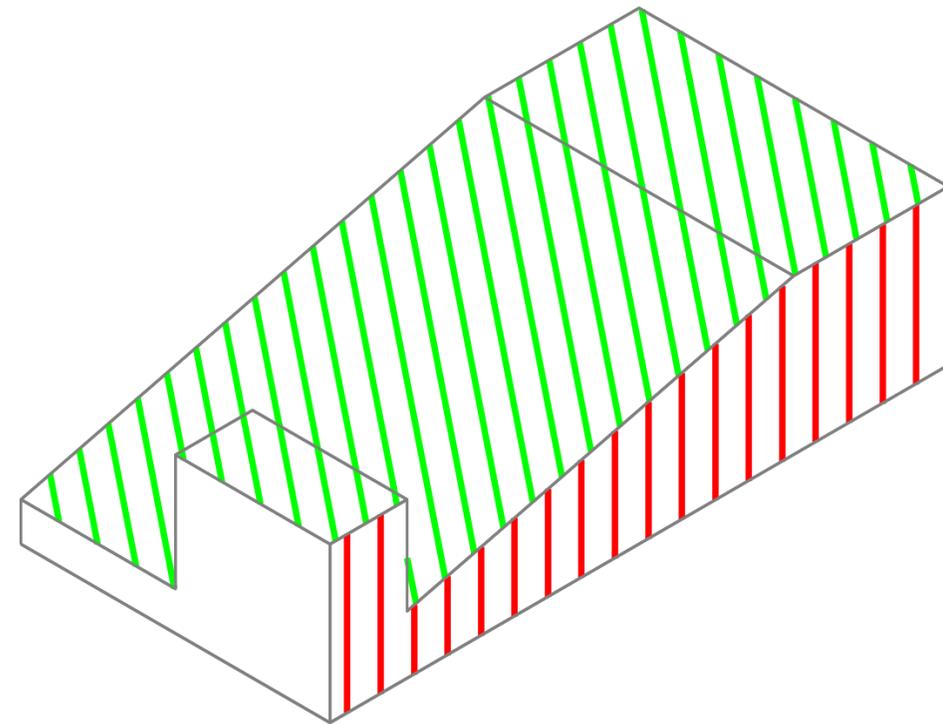
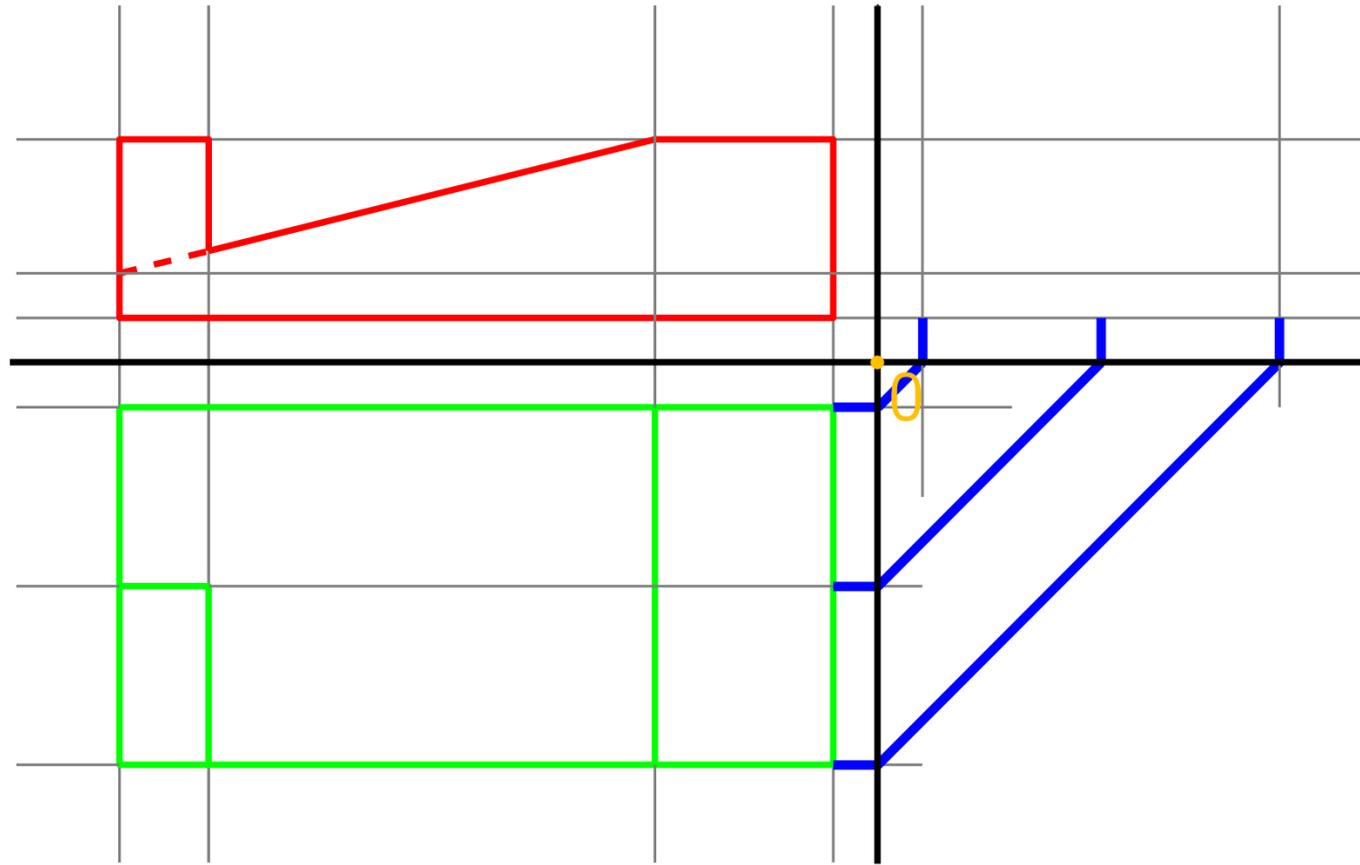


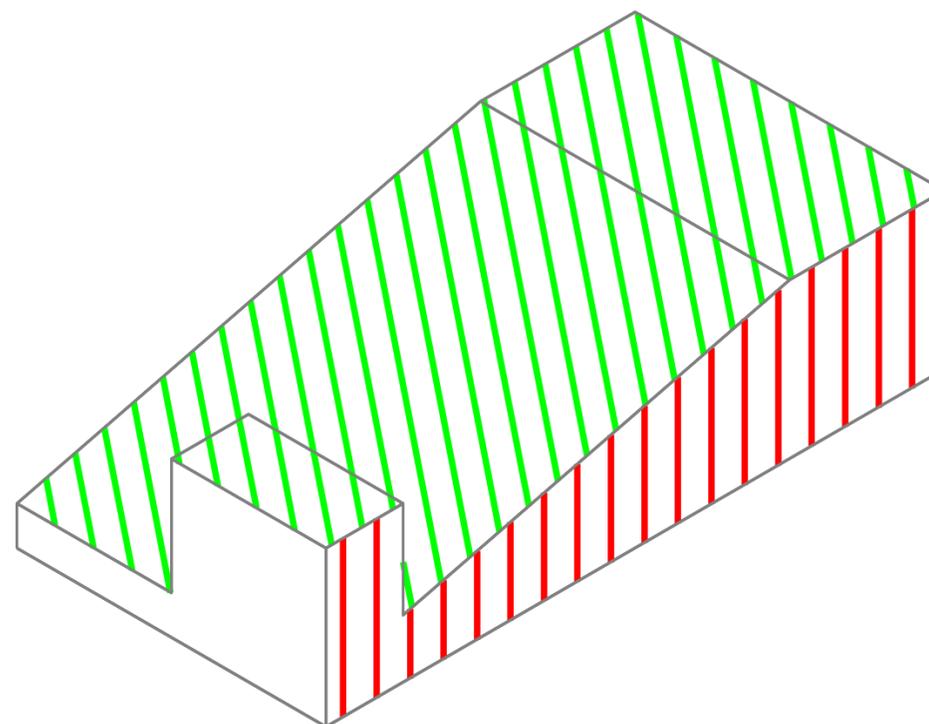
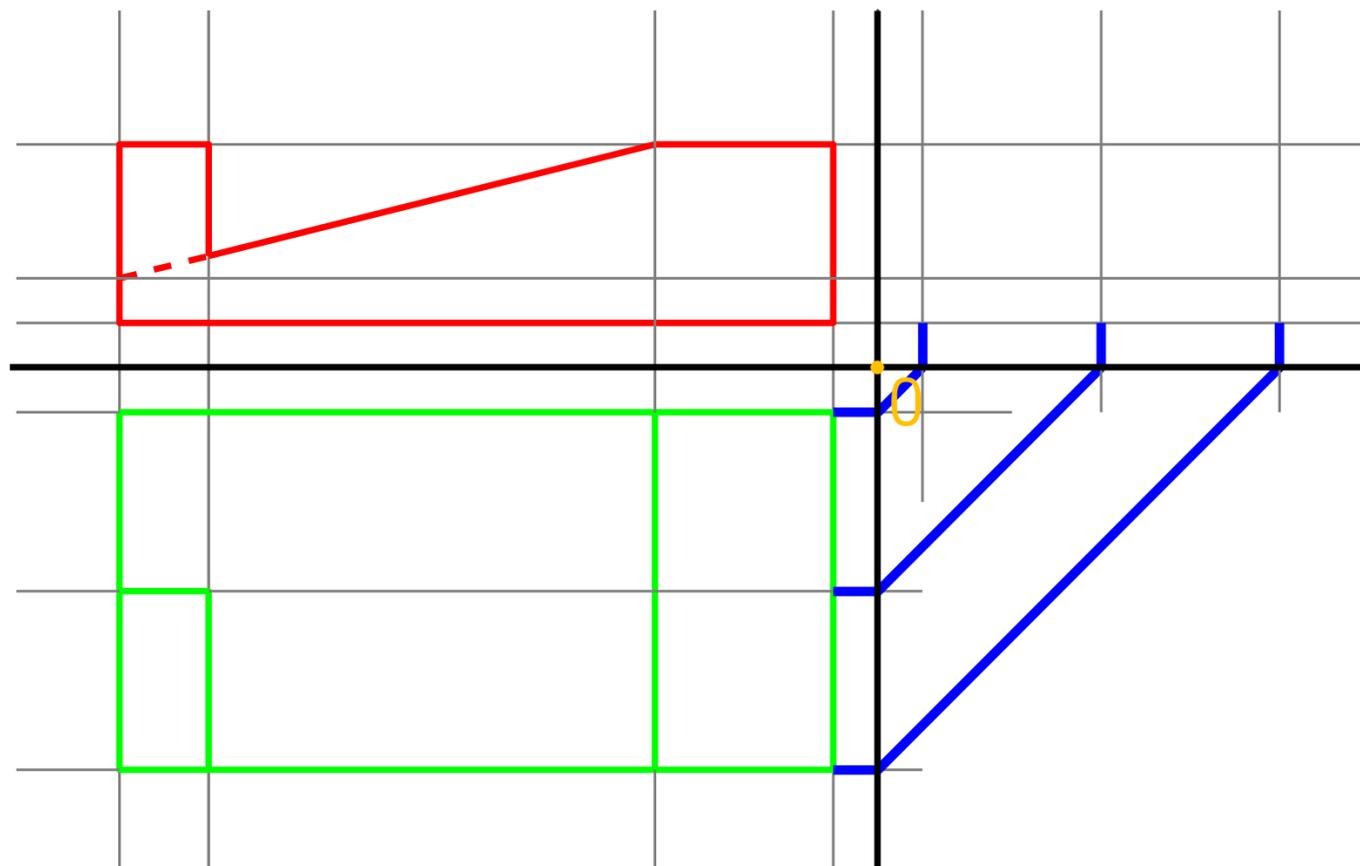


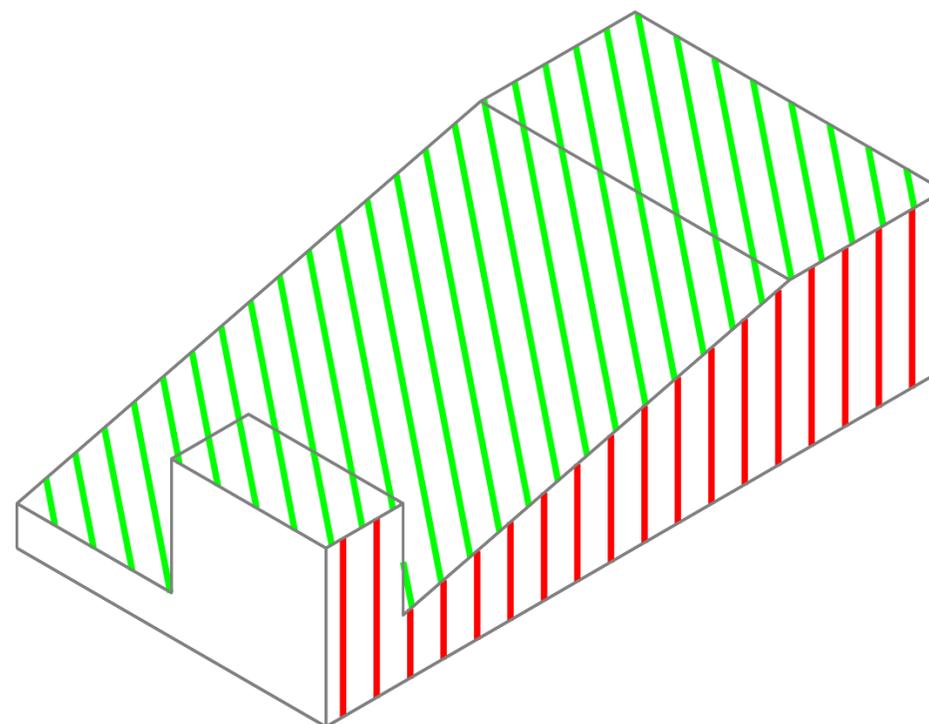
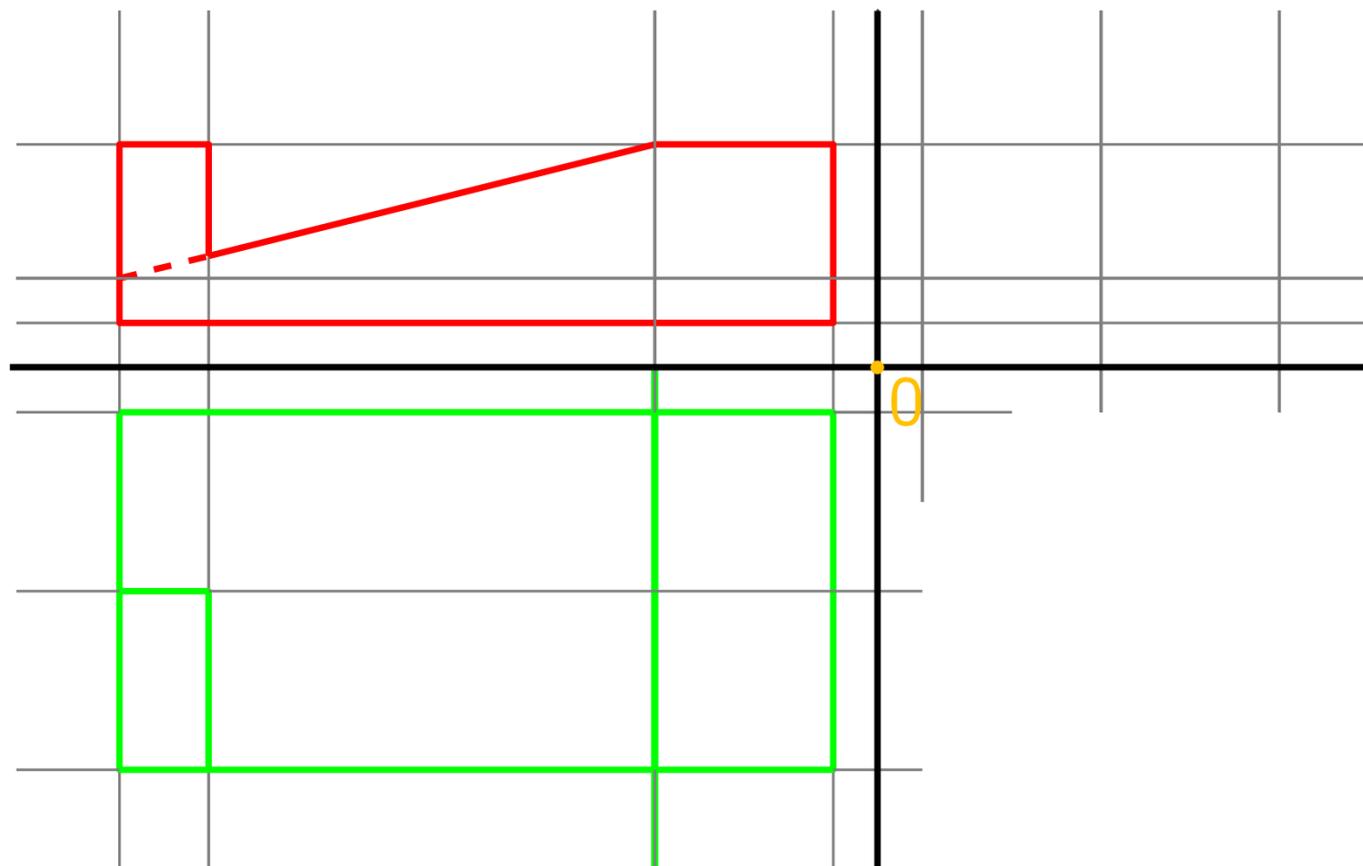


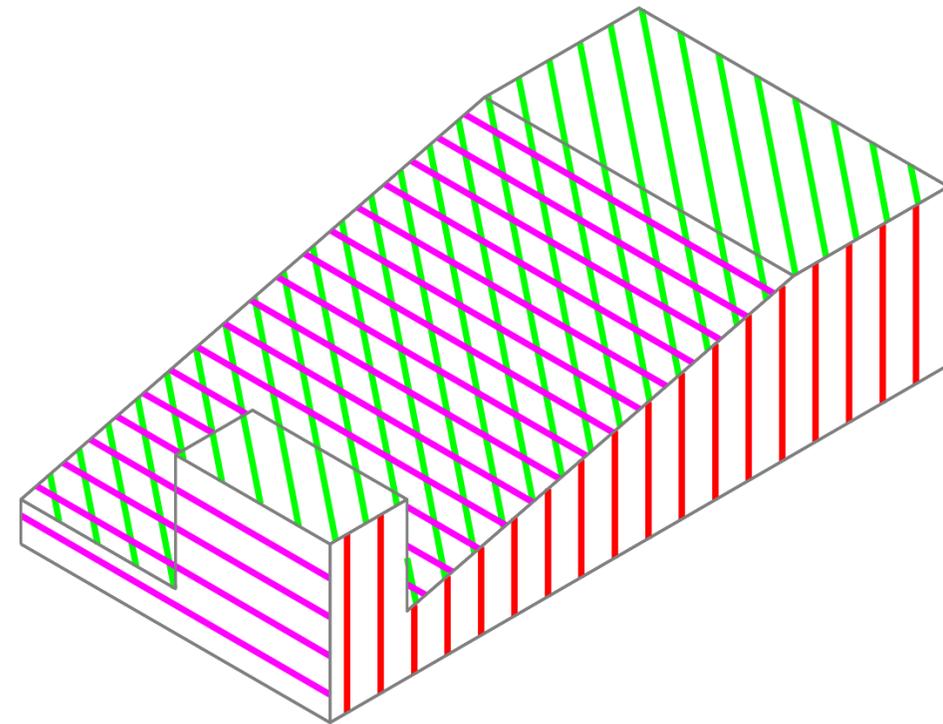
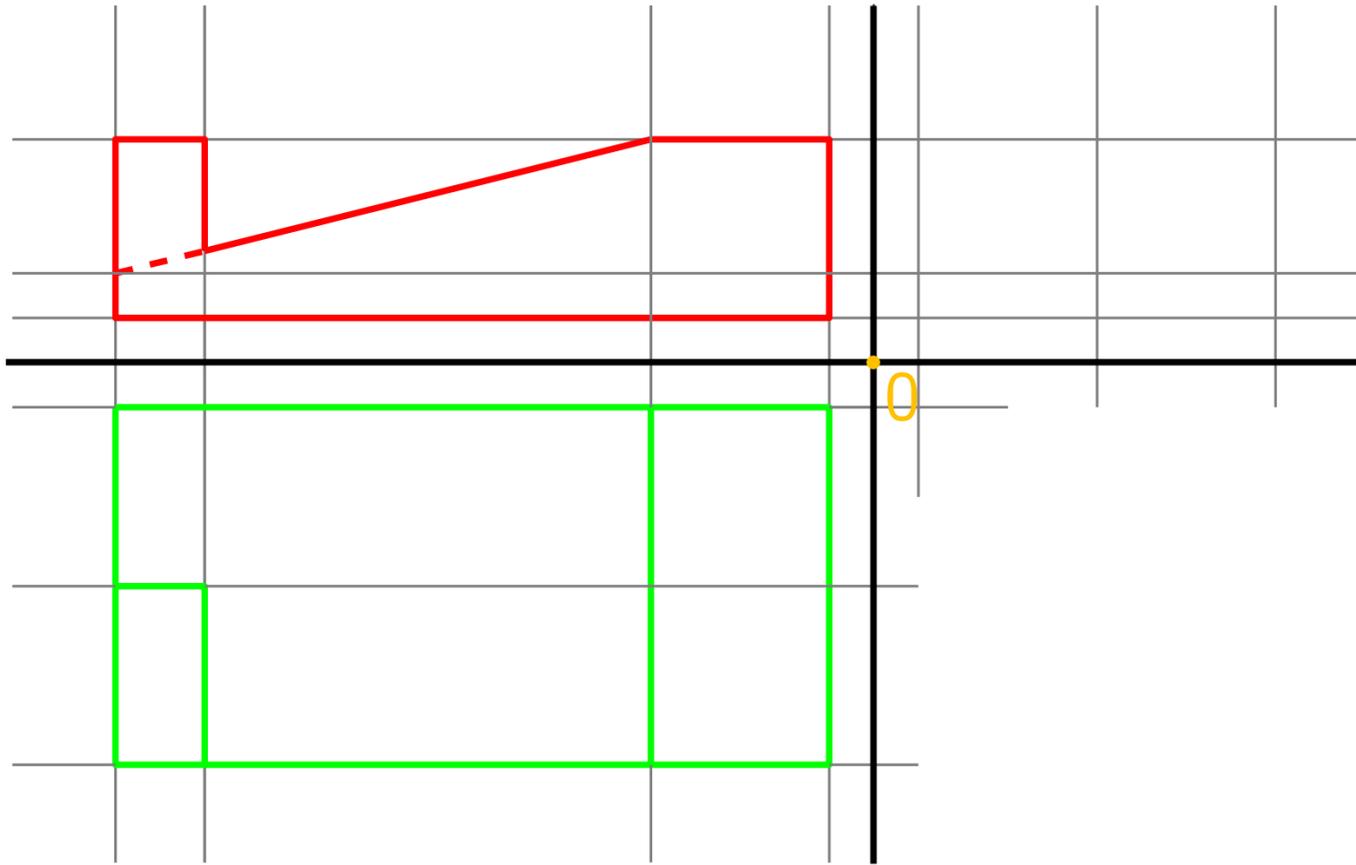


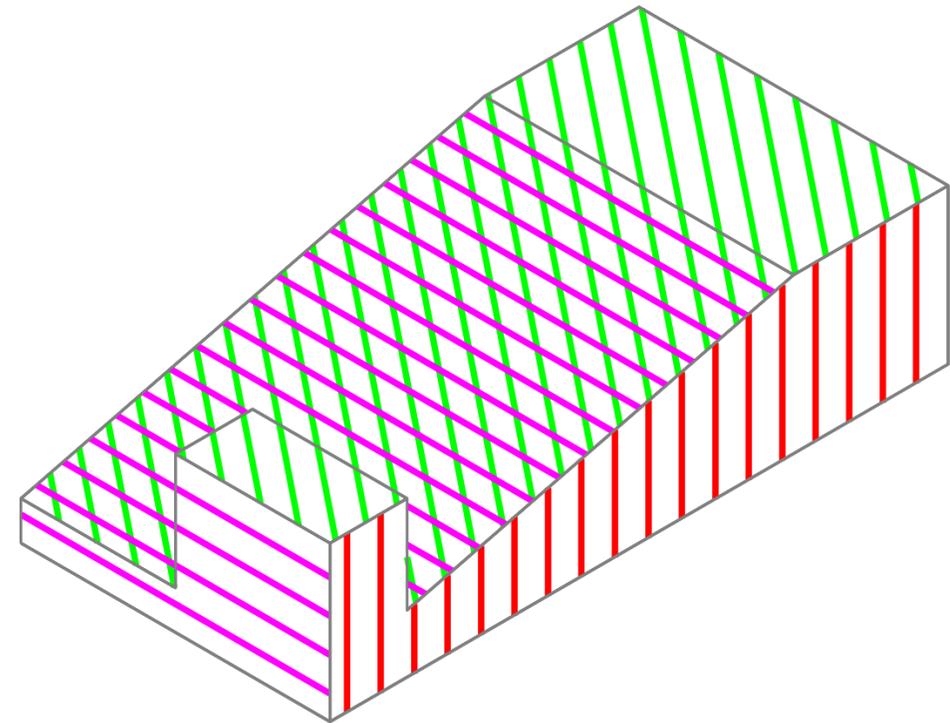
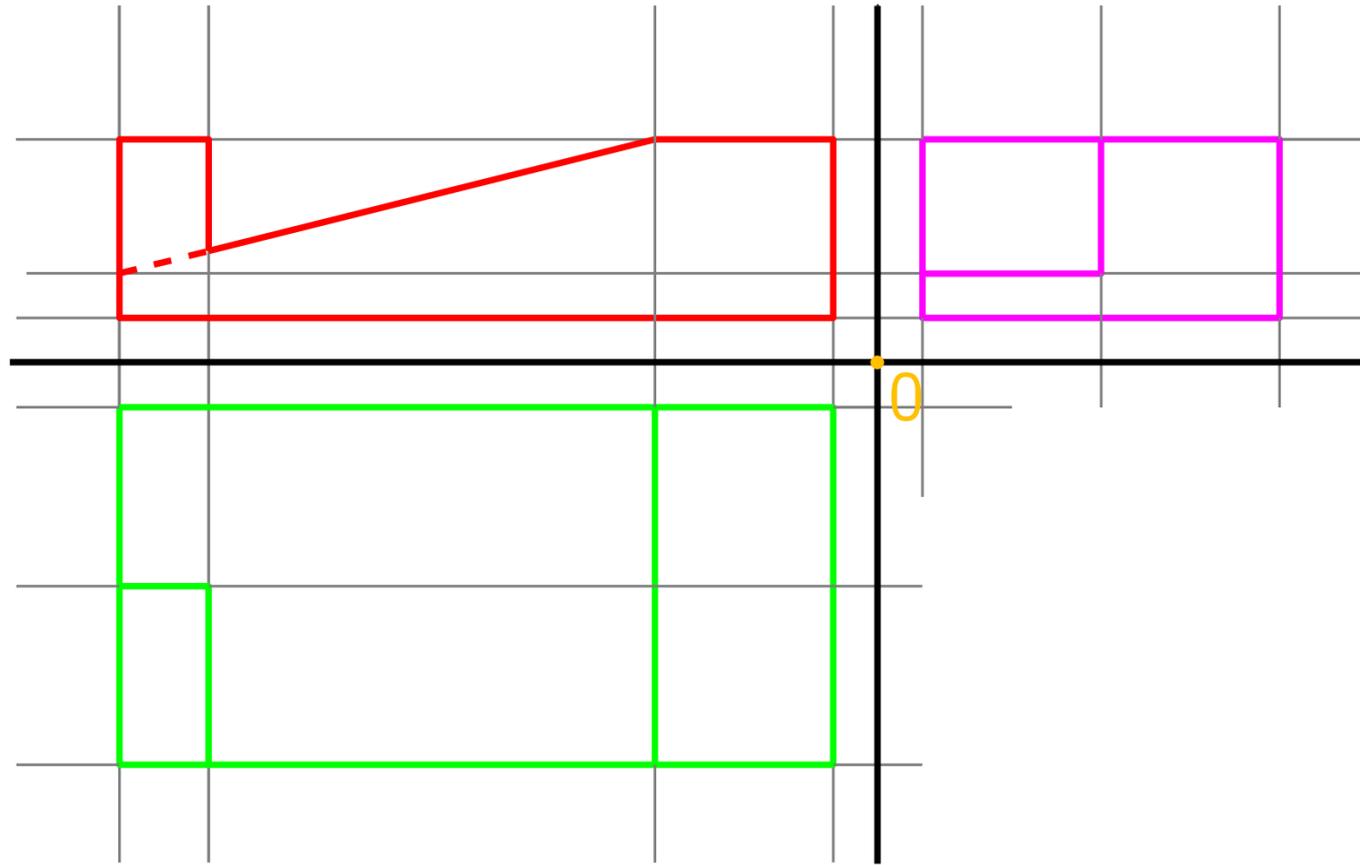


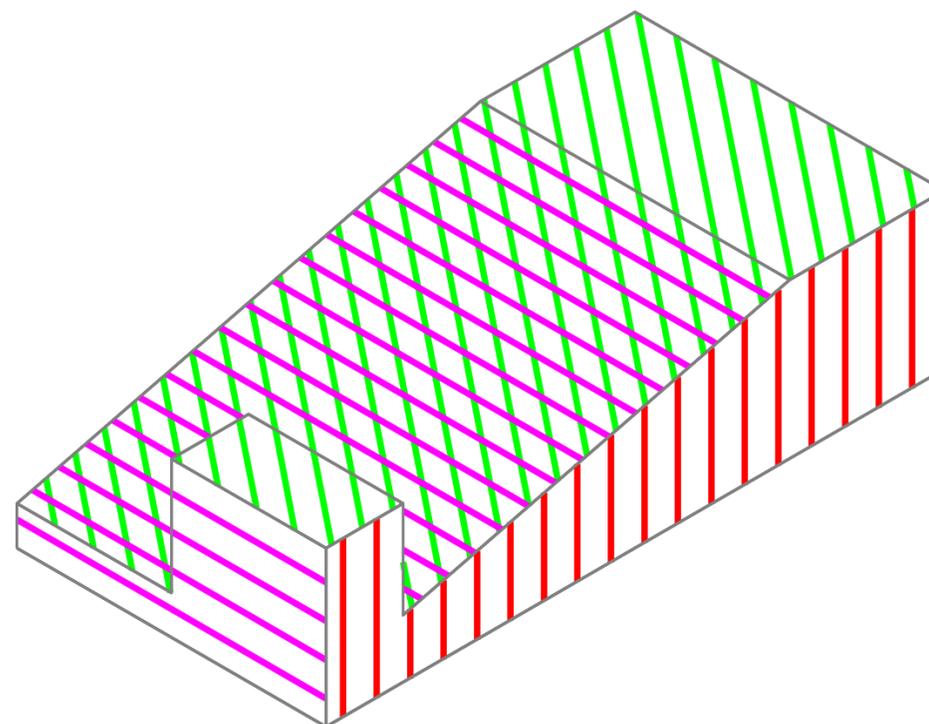
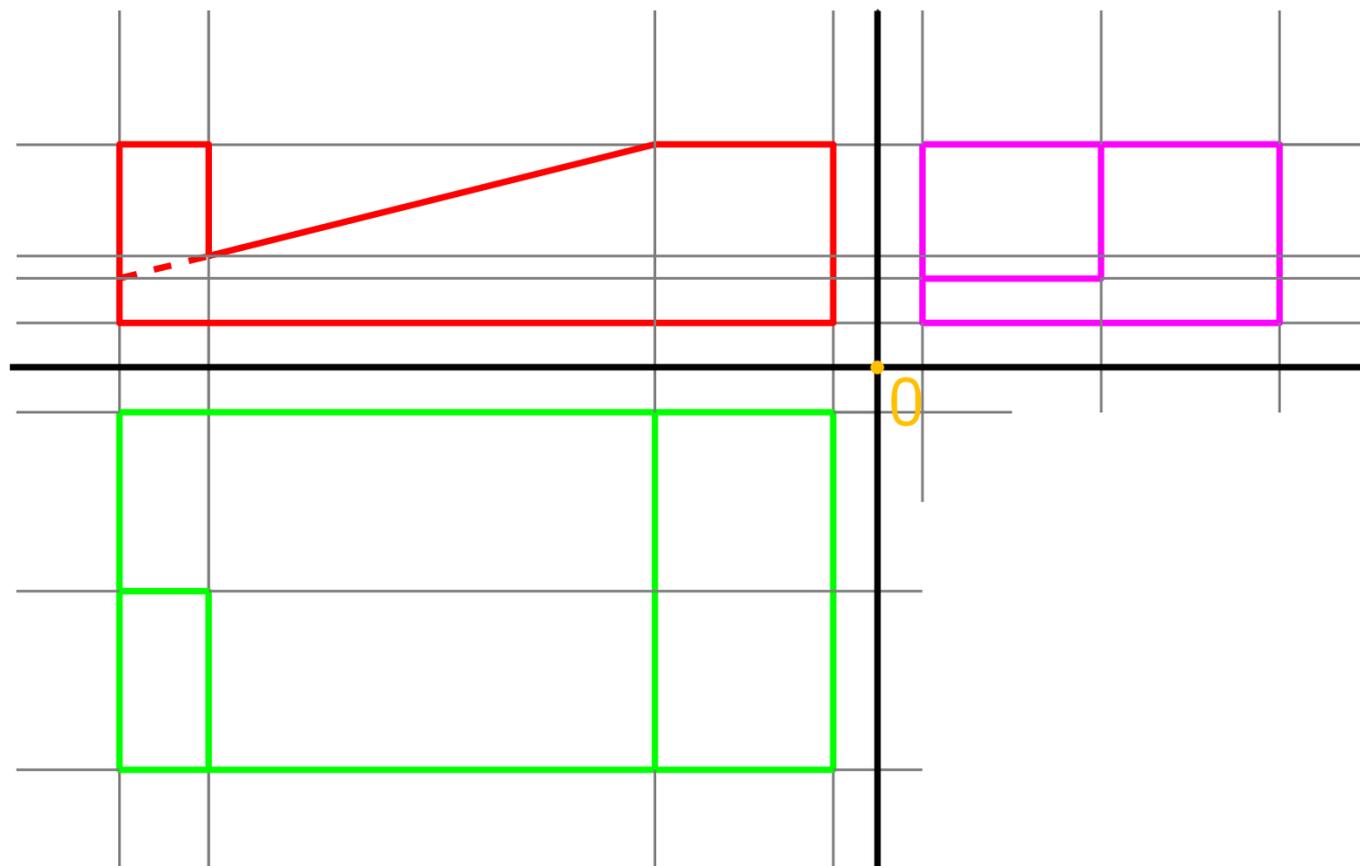


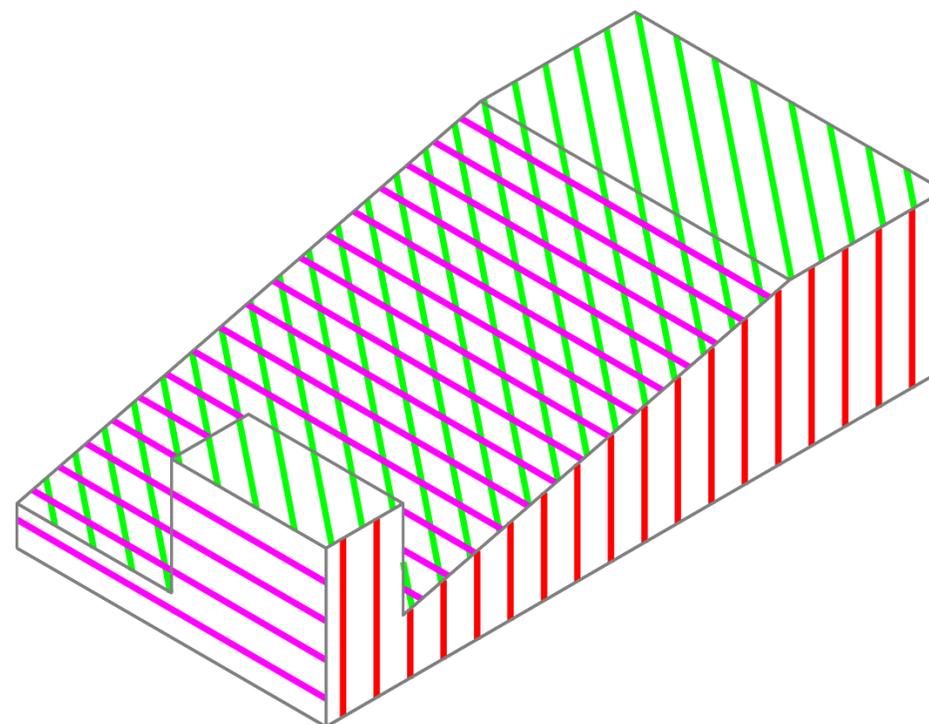
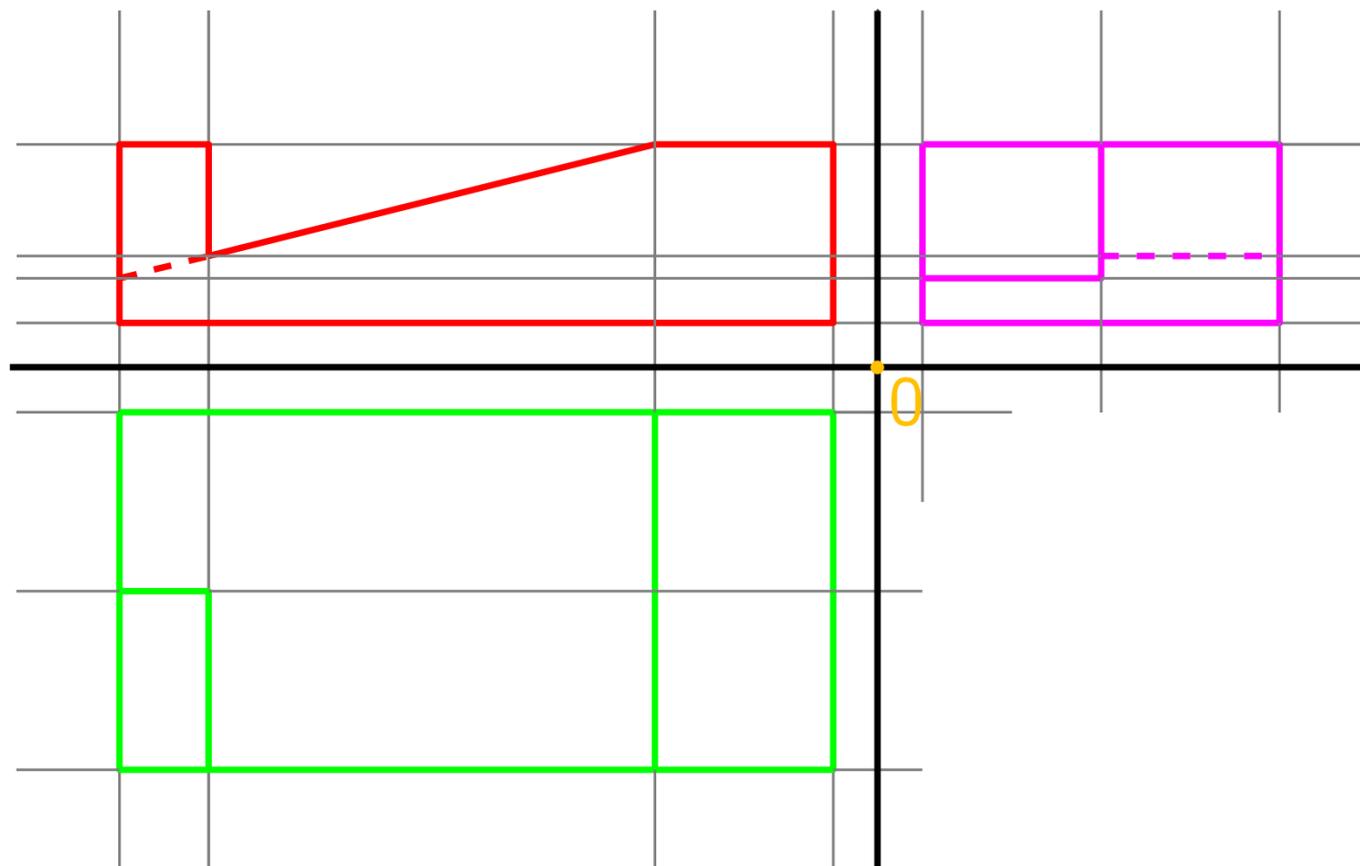


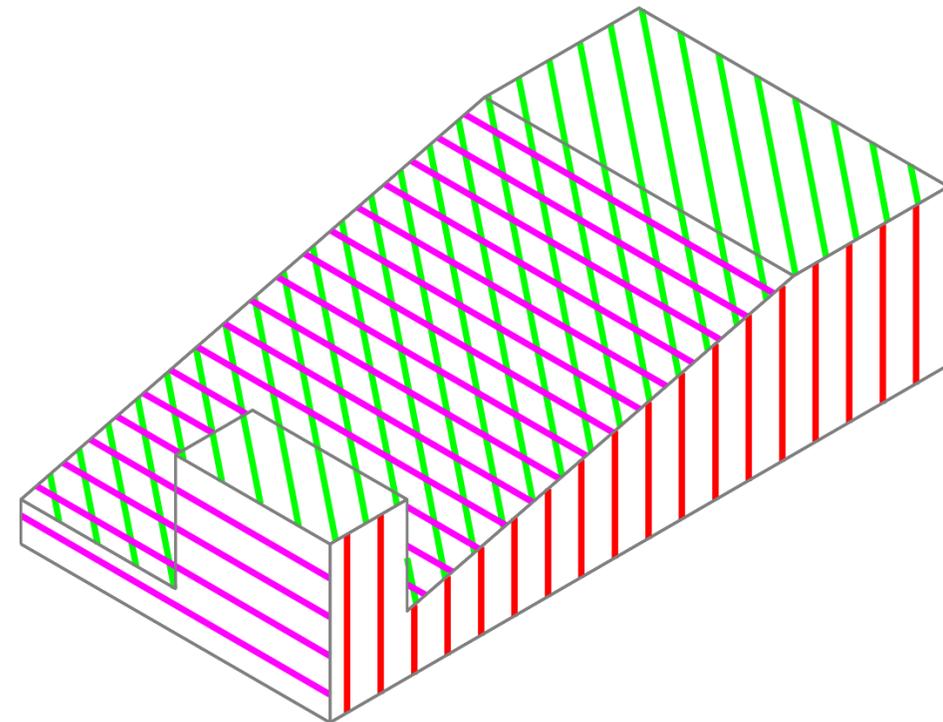
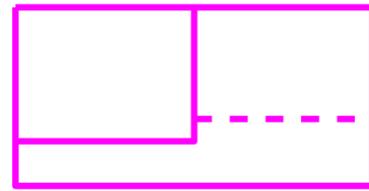
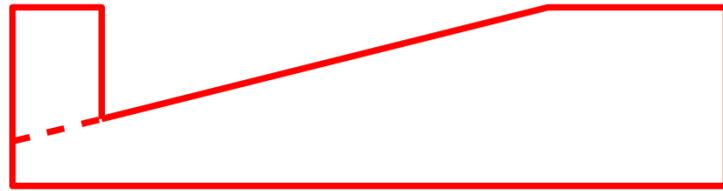


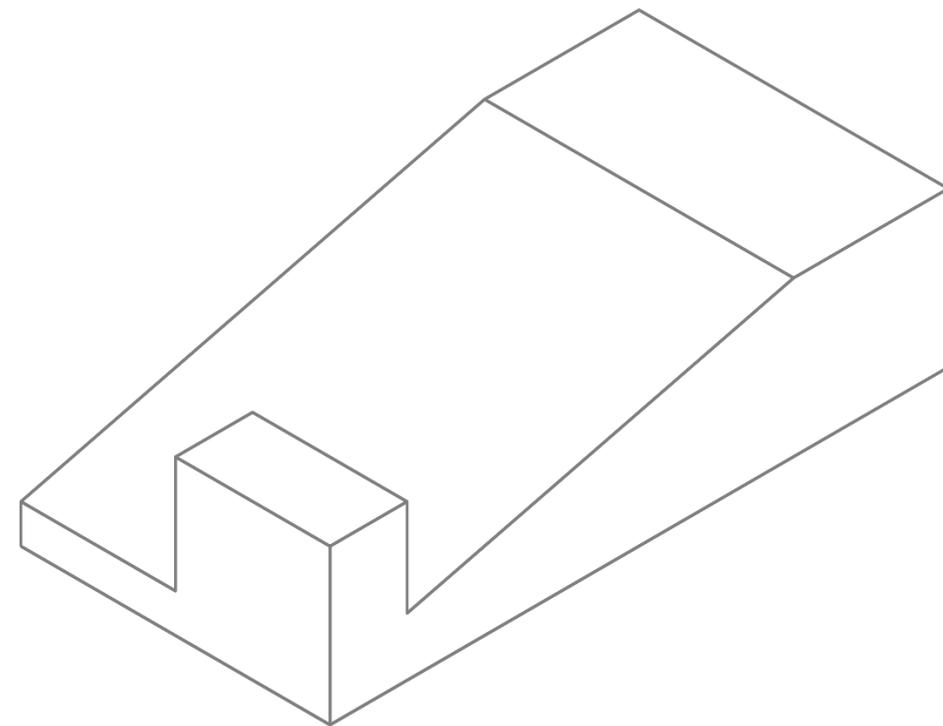
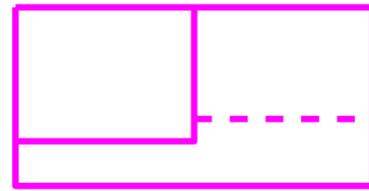
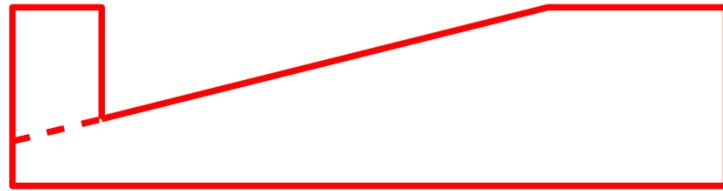


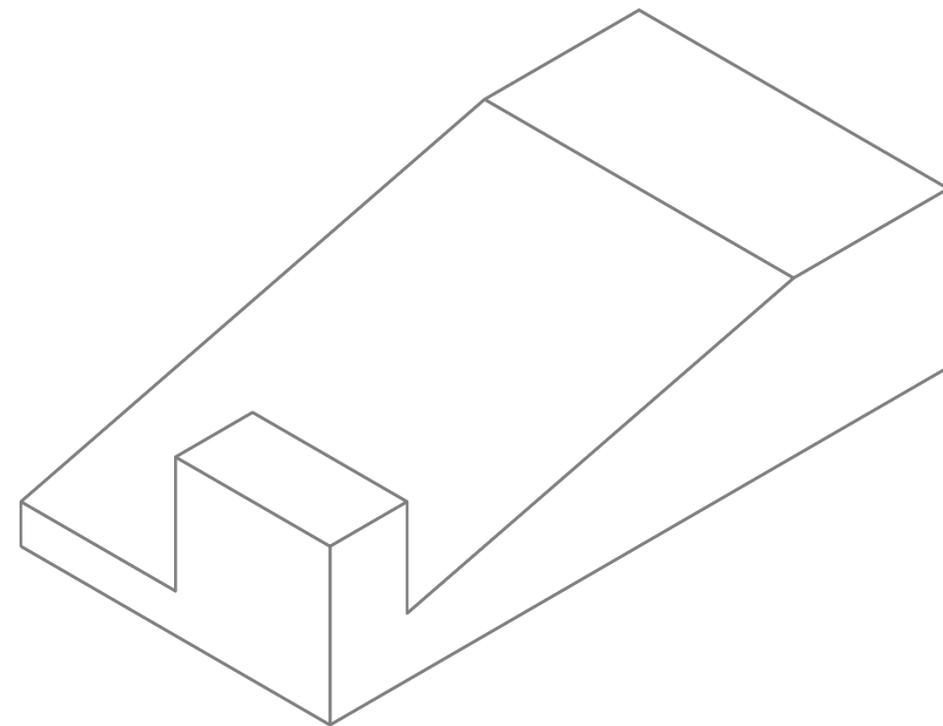
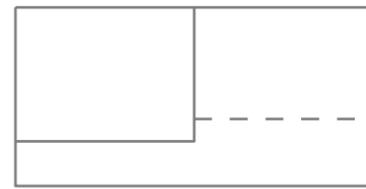
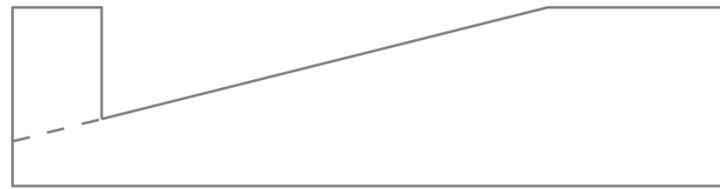












ATIVIDADES

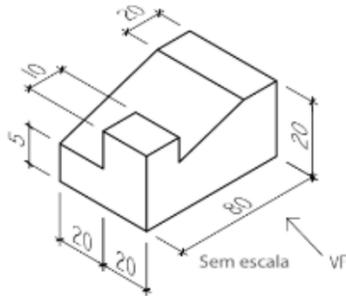
E₁

VISTAS ORTOGRÁFICAS

Desenhe em escala 1:1 as vistas frontal, superior e lateral esquerda da figura demonstrada. Considere a hierarquia indicada e mantenha as linhas de construção em sua natureza secundária.

Hierarquia: 1. Peça 2. Eixos

Unidade: milímetro



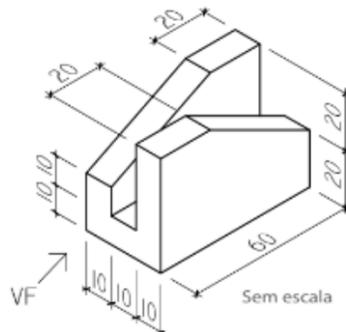
E₂

VISTAS ORTOGRÁFICAS

Desenhe em escala 1:1 as vistas frontal, superior e lateral esquerda da figura demonstrada. Considere a hierarquia indicada e mantenha as linhas de construção em sua natureza secundária.

Hierarquia: 1. Peça 2. Eixos

Unidade: milímetro



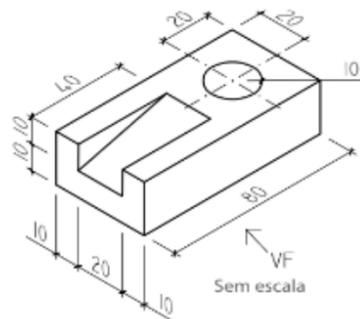
E₃

VISTAS ORTOGRÁFICAS

Desenhe em escala 1:1 as vistas frontal, superior e lateral esquerda da figura demonstrada. Considere a hierarquia indicada e mantenha as linhas de construção em sua natureza secundária.

Hierarquia: 1. Peça 2. Eixos

Unidade: milímetro



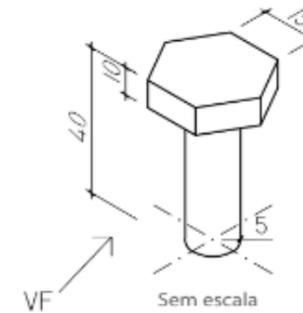
E₄

VISTAS ORTOGRÁFICAS

Desenhe em escala 1:1 as vistas frontal, superior e lateral esquerda da figura demonstrada. Considere a hierarquia indicada e mantenha as linhas de construção em sua natureza secundária.

Hierarquia: 1. Peça 2. Eixos

Unidade: milímetro



E₅

VISTAS ORTOGRÁFICAS

Desenhe em escala 1:1 todas as seis vistas da figura demonstrada. Respeite um espaçamento de 10mm entre vistas (5mm entre vista e eixos, opcionais) e mantenha as linhas de construção em sua natureza secundária.

Hierarquia: 1. Peça

Unidade: milímetro

