

NOM i COGNOMS:

CURS:

DATA: de / / a / /

Tema 4: SISTEMA DIÈDRIC

Projeccions de sòlids

Solucions

EL SISTEMA DIÈDRIC

El sistema dièdric utilitzaprojeccions cilíndriques..... per a la representació en el pla de figures tridimensionals.

Es basa enla projecció de la figura sobre uns plans perpendiculars entre ells....., i així es representa segons el sistema de projecció europeu o americà.

La figura que es projecta en el pla vertical s'anomena .alçat....., la projecció horitzontal rep el nom deplanta..... i la figura que es projecta en el pla de perfil s'anomena tambéperfil.....

Línies amagades en sistema dièdric són les projeccions d'alguna arista o part fonamental d'un objecte que queda tapat per les projeccions d'altres zones de la peça. Es representen com a líniesdiscontinues.....

PROJECCIONS

La base dels sistemes de representació són lesprojeccions..... mitjançant les quals les característiques essencials delsobjectes..... queden representades en el pla de projecció.

PROJECCIONS EN EL PLA

Ortogonal: El raig de projecció forma un angle de90.....°, amb el pla de projecció.

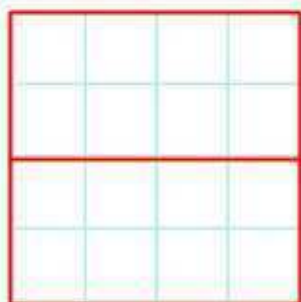
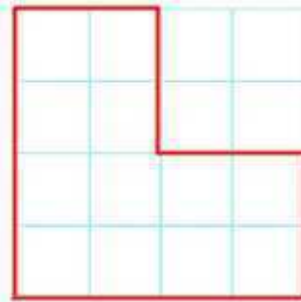
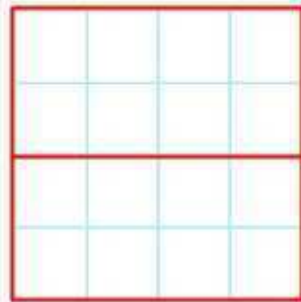
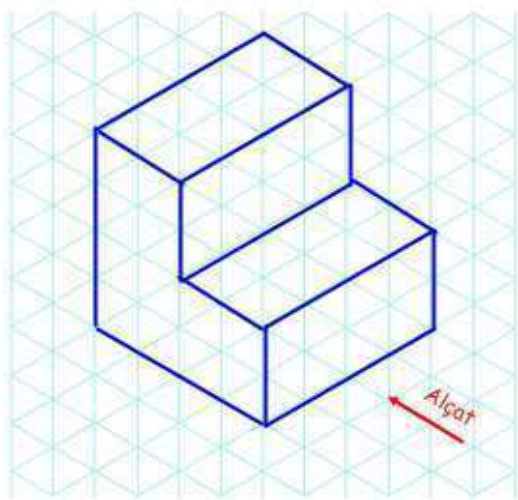
Obliqua: El raig de projecció no és de .90.....°

TIPUS DE PROJECCIÓ

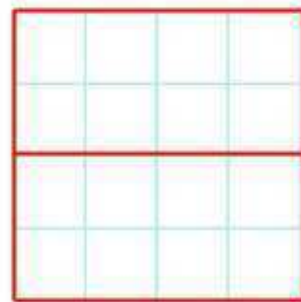
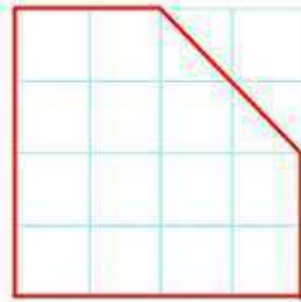
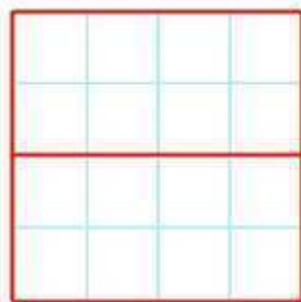
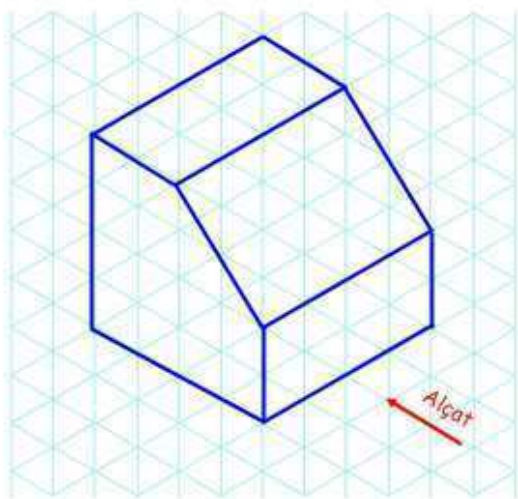
C.cilíndrica..... : Els raigs de projecció sónparal·lels..... entre ells i, en funció de l'angle que formin amb el pla de projecció poden serortogonalsoblics..... o

C.....cònica..... : Els raigs de projecció ...convergeixen..... en un punt (V) i formen diferents angles amb el pla de projecció.

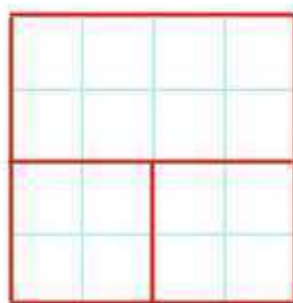
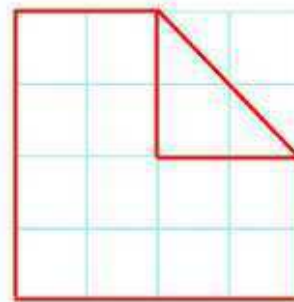
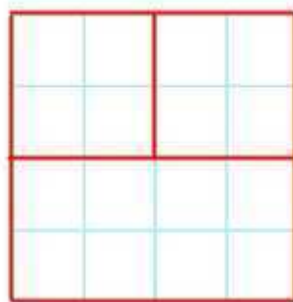
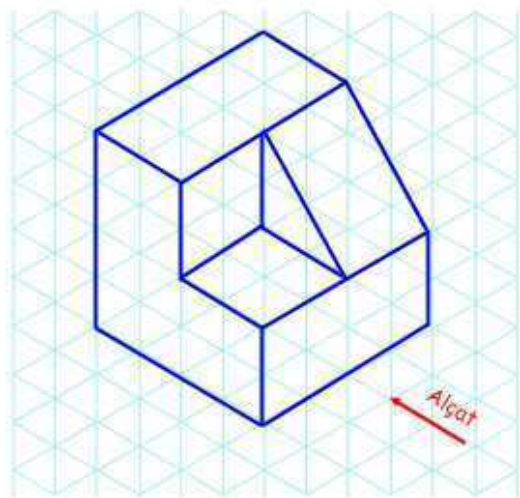
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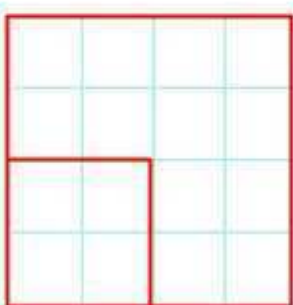
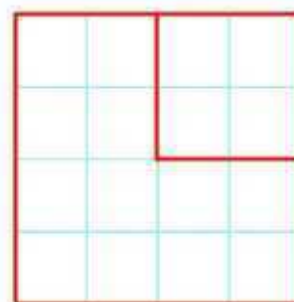
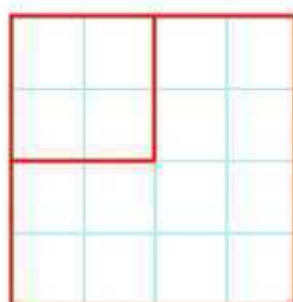
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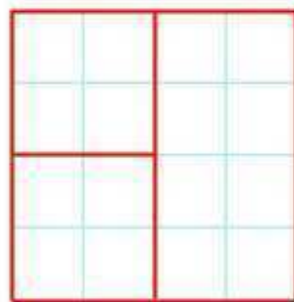
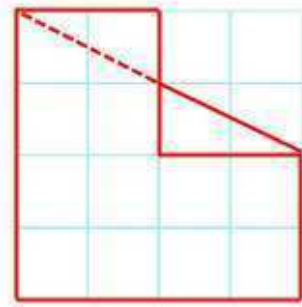
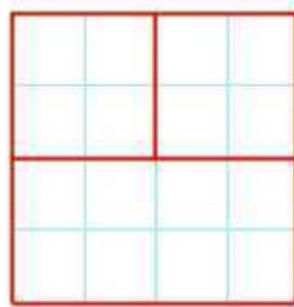
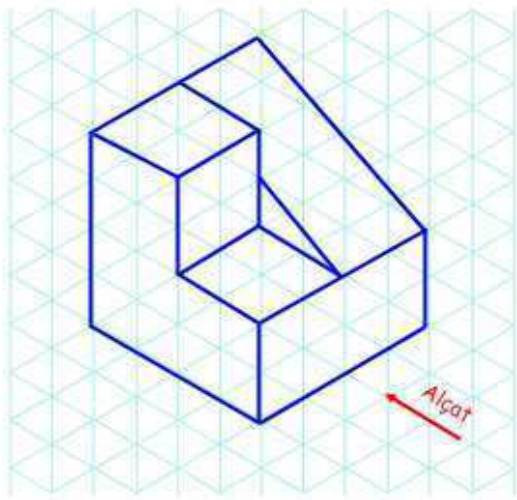
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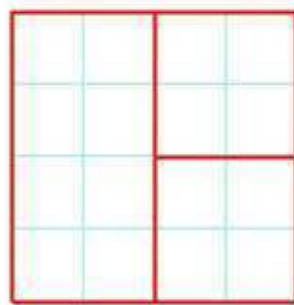
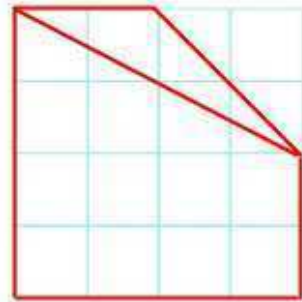
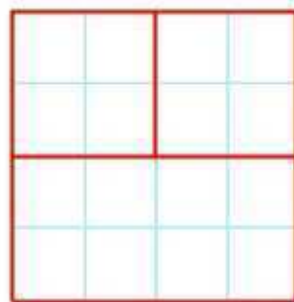
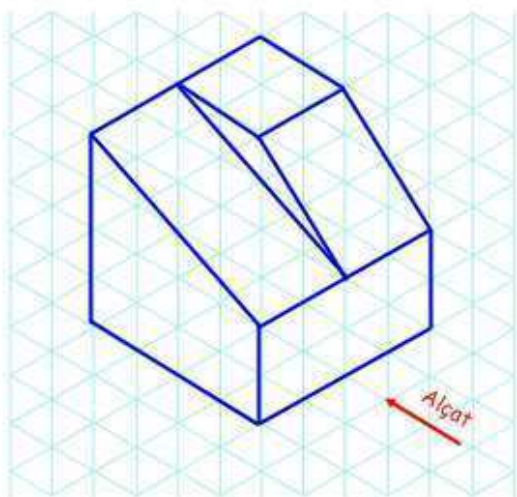
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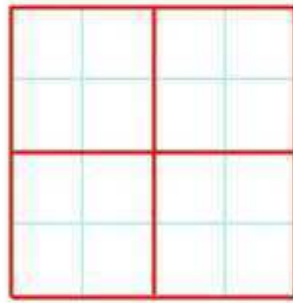
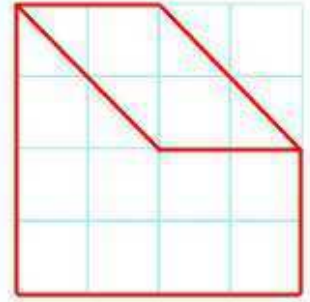
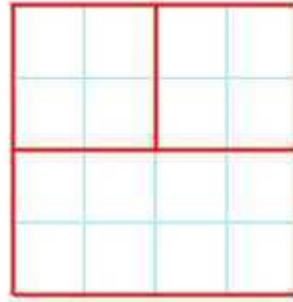
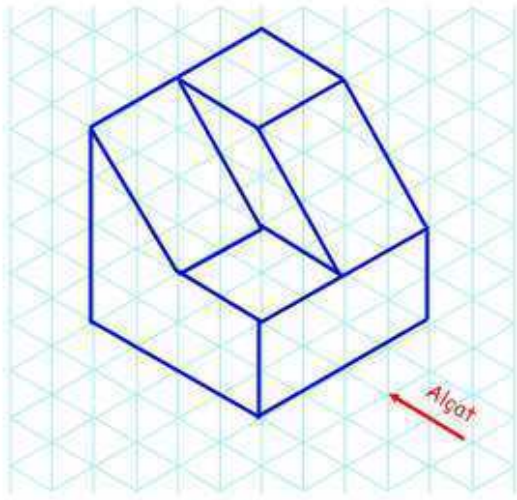
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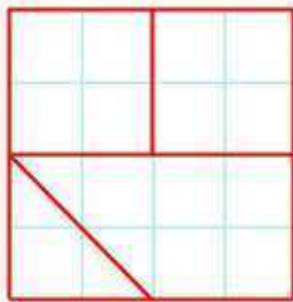
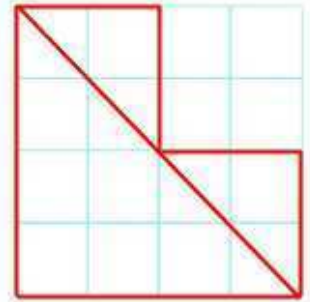
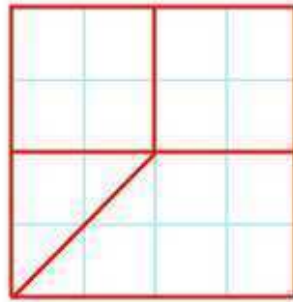
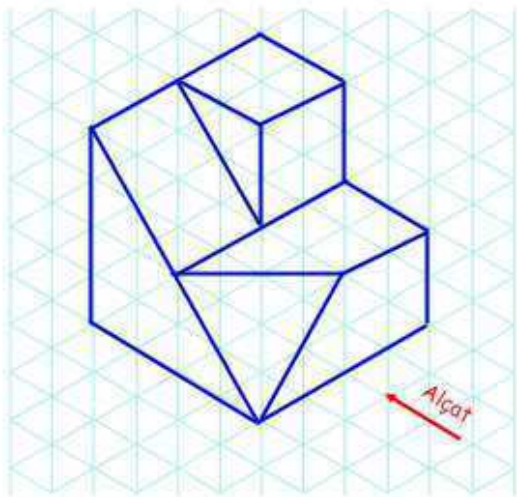
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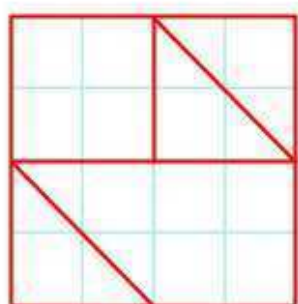
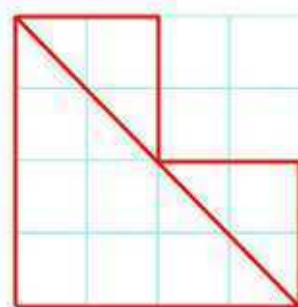
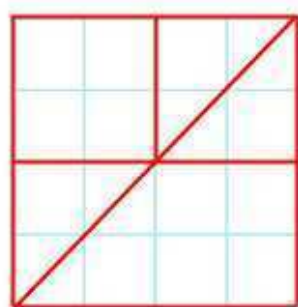
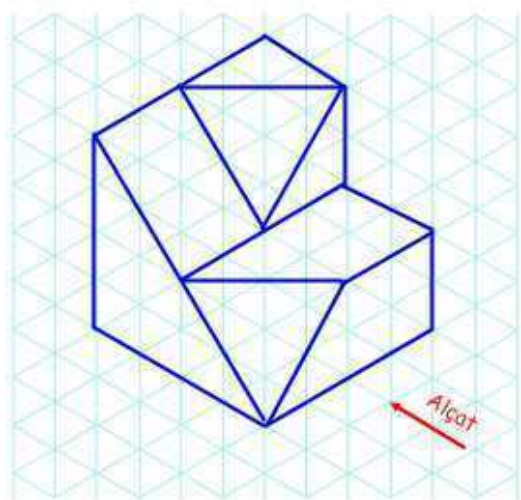
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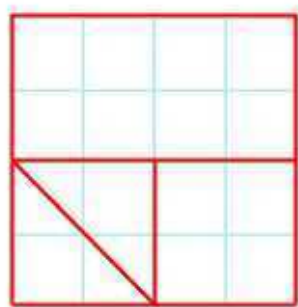
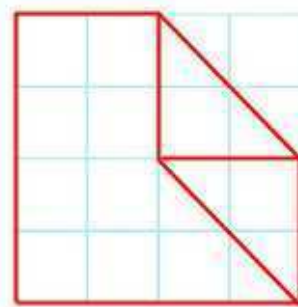
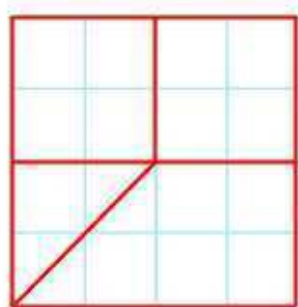
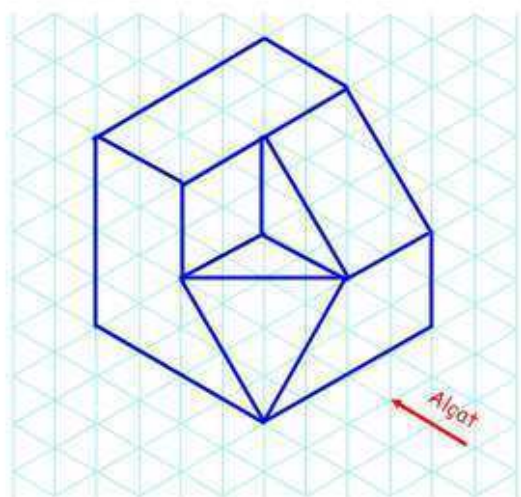
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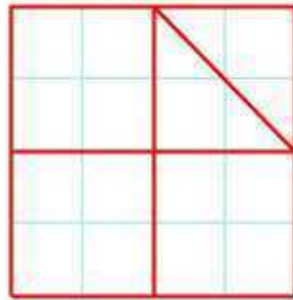
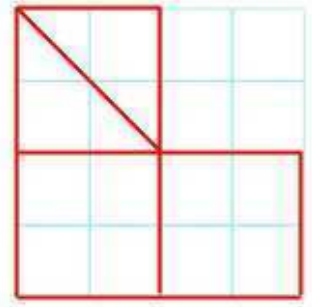
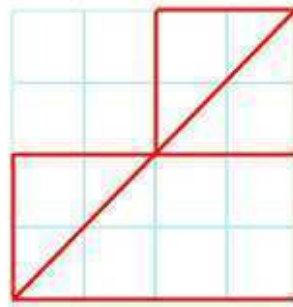
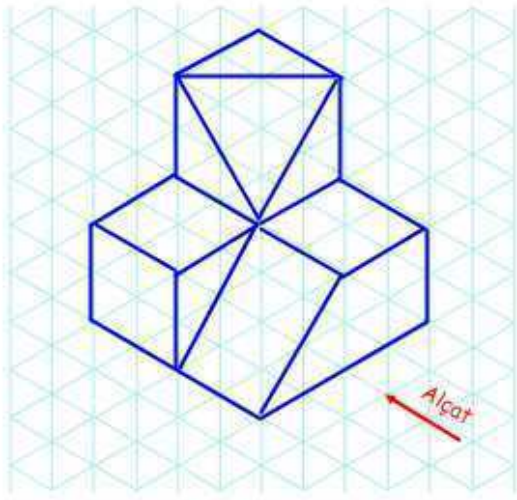
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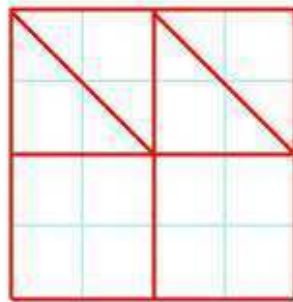
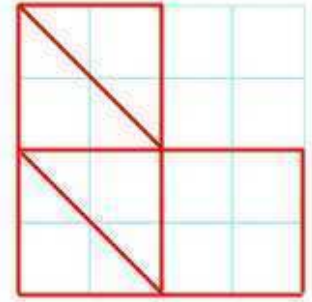
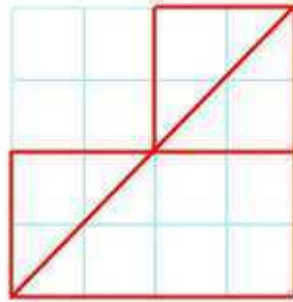
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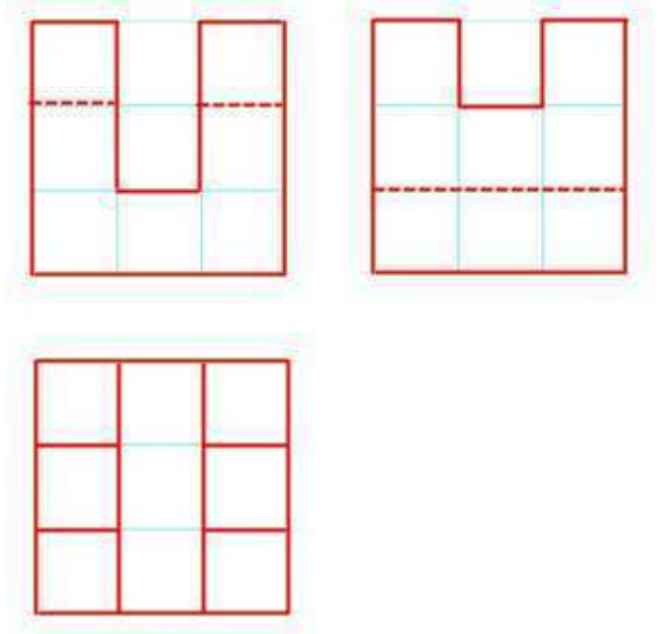
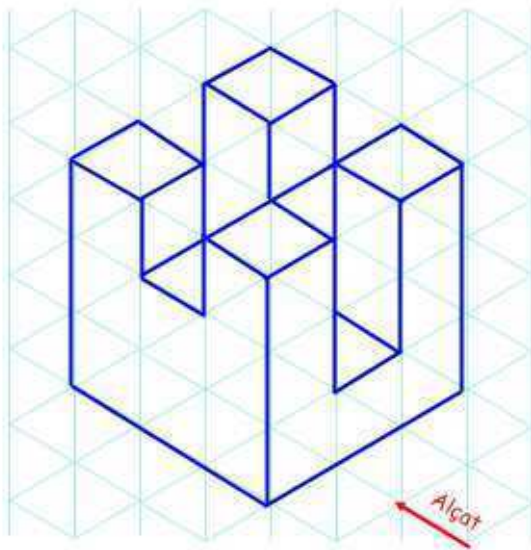
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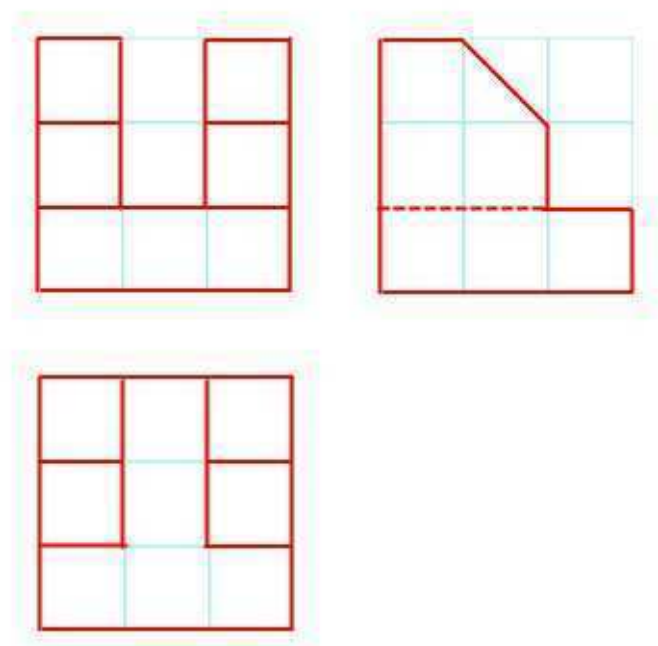
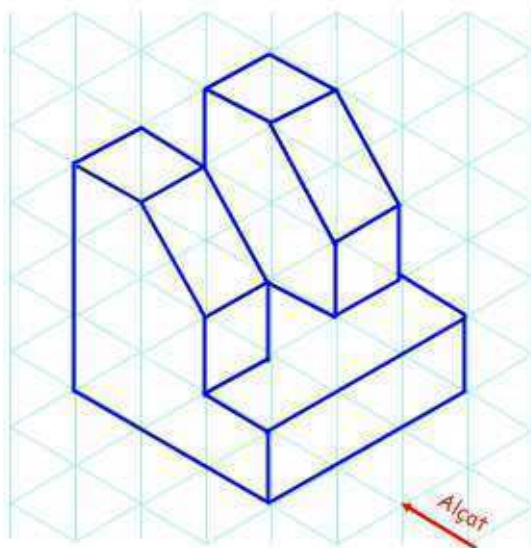
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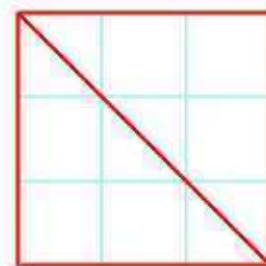
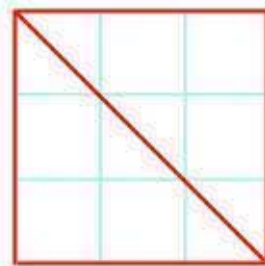
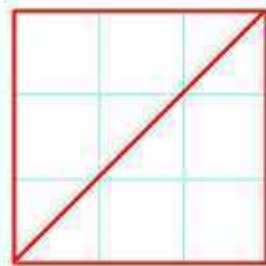
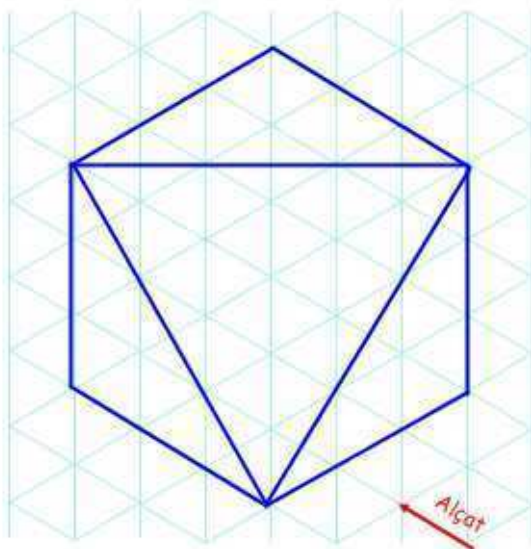
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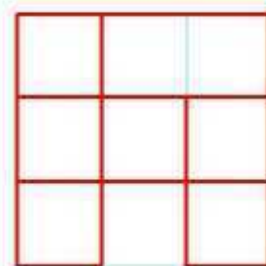
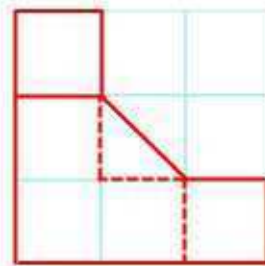
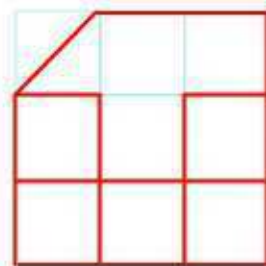
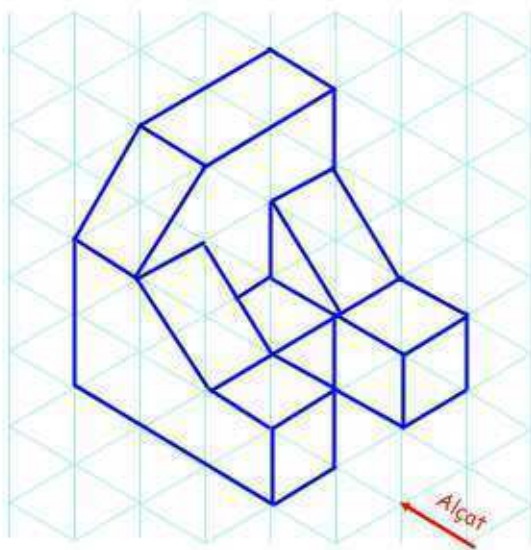
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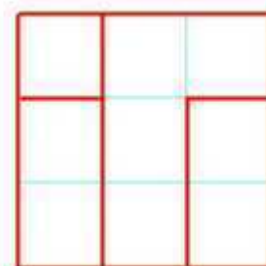
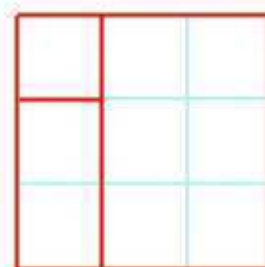
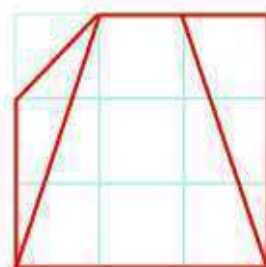
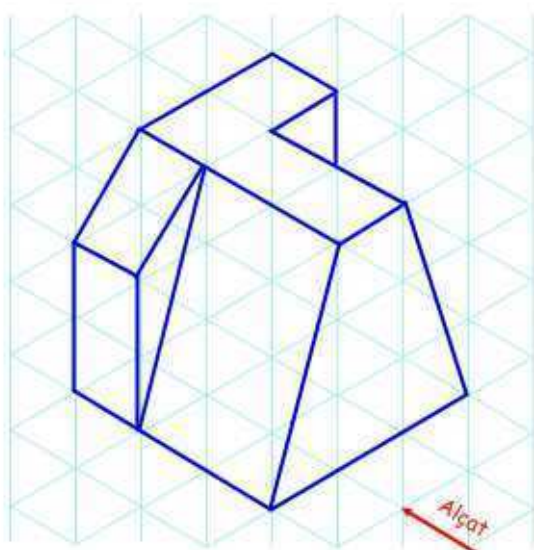
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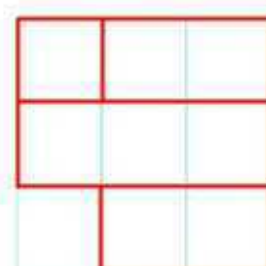
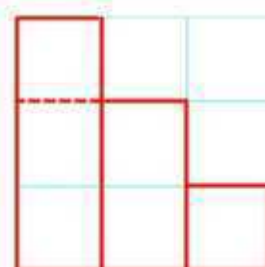
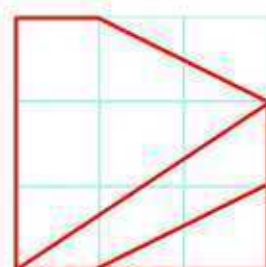
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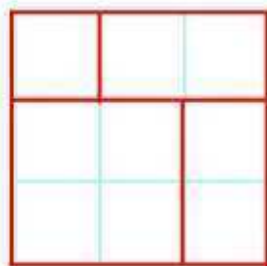
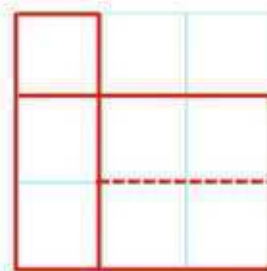
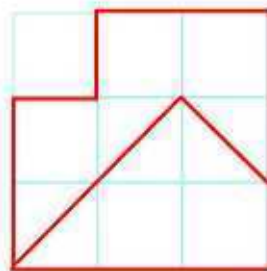
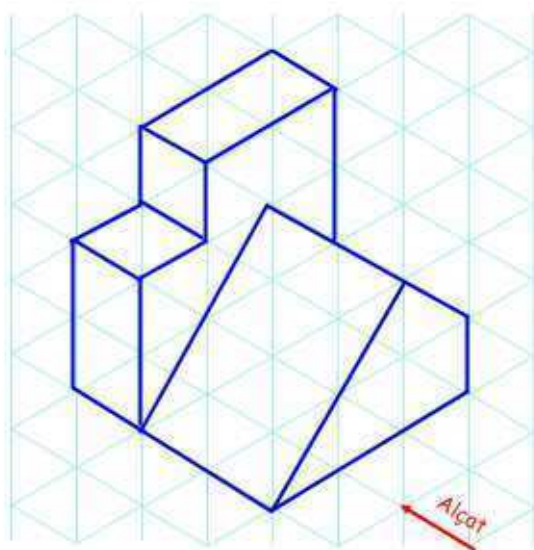
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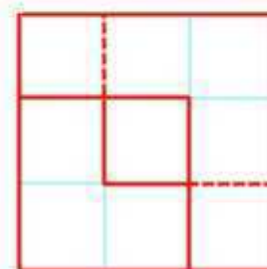
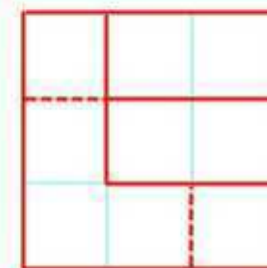
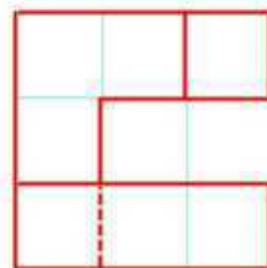
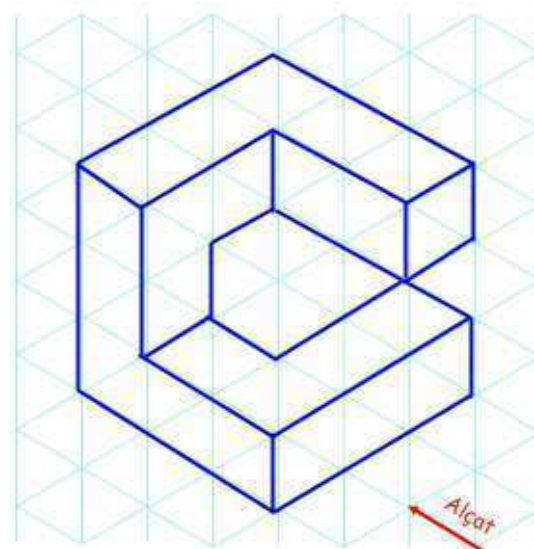
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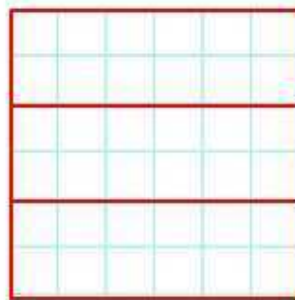
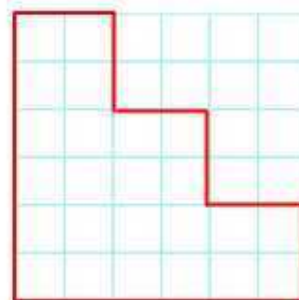
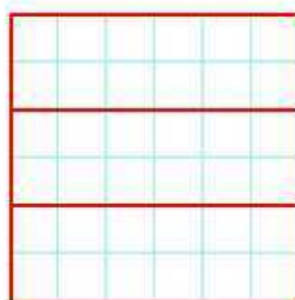
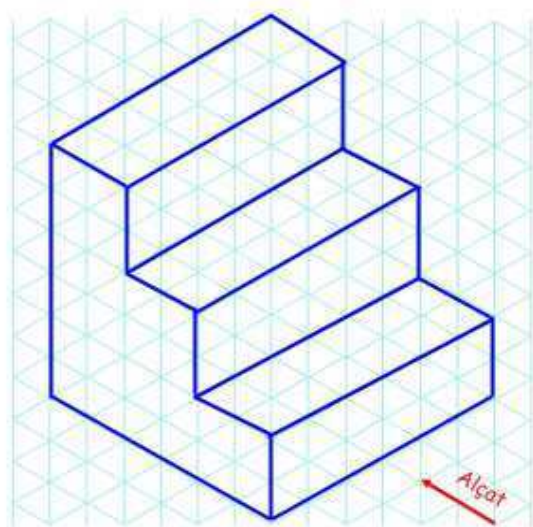
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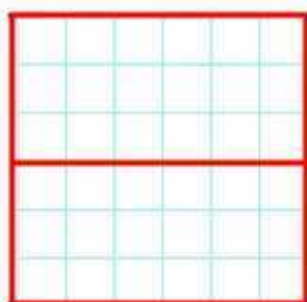
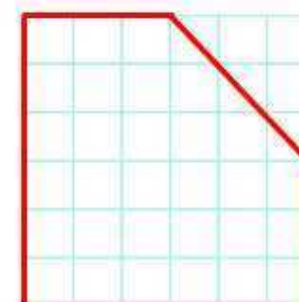
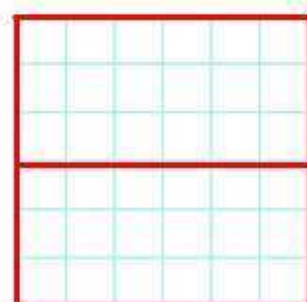
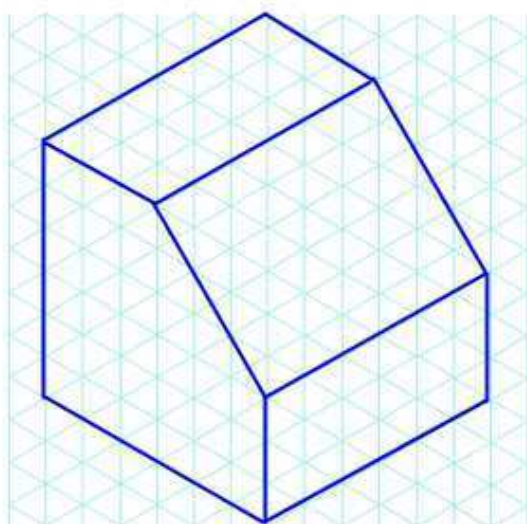
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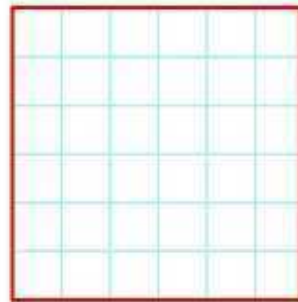
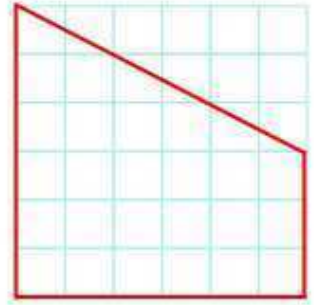
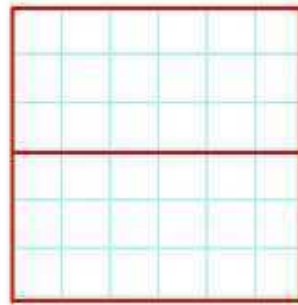
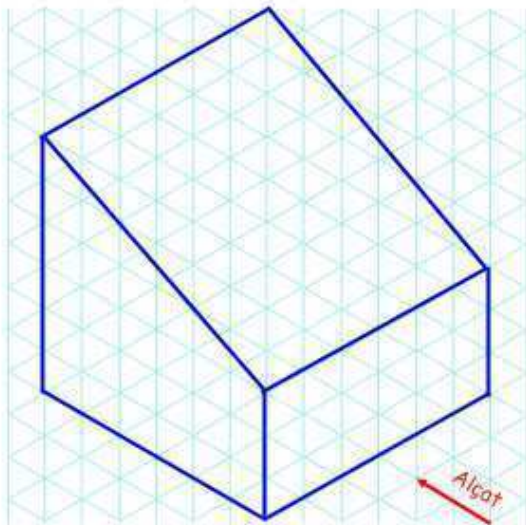
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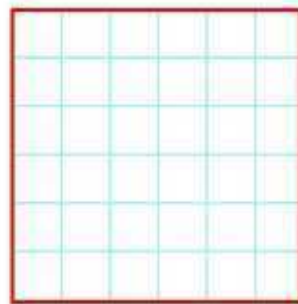
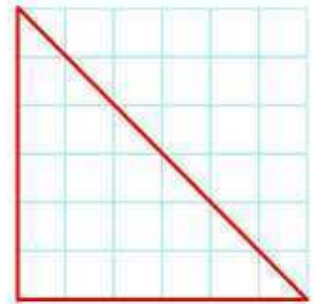
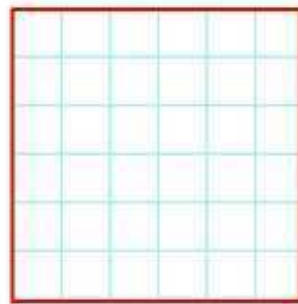
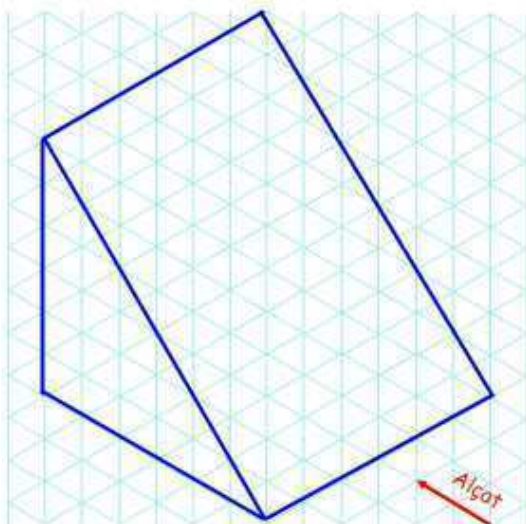
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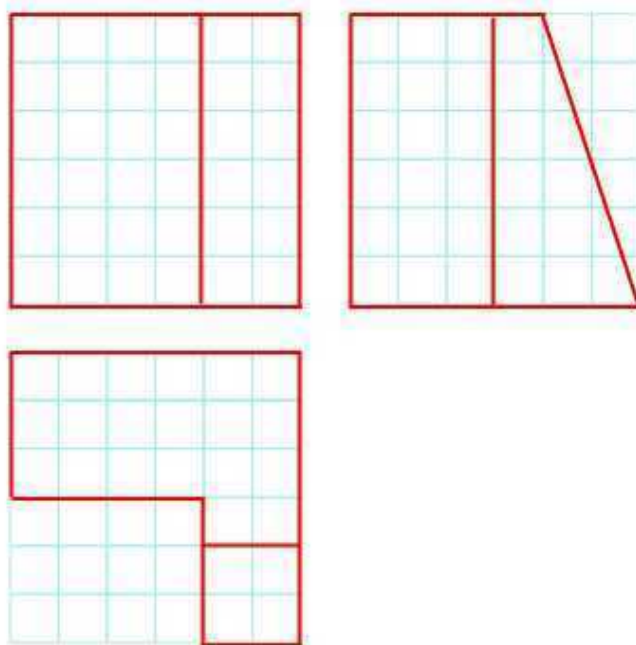
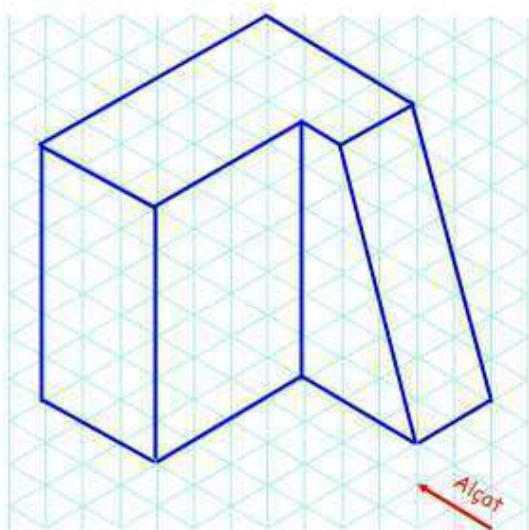
Peça nº 23



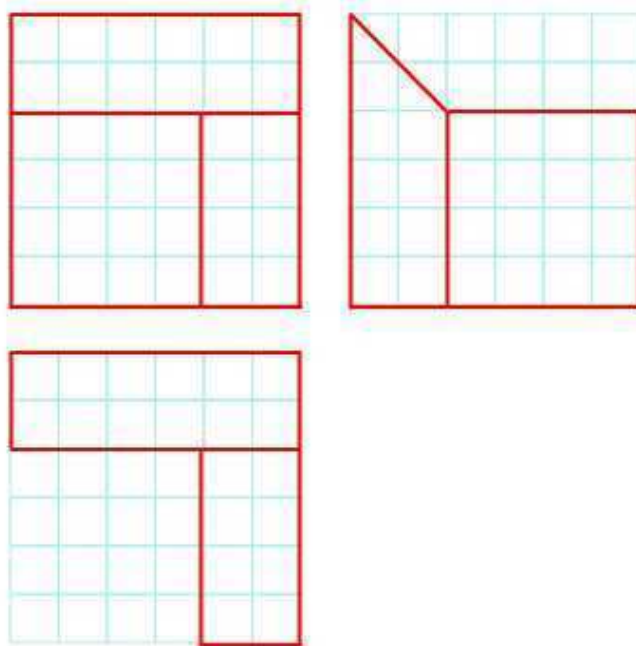
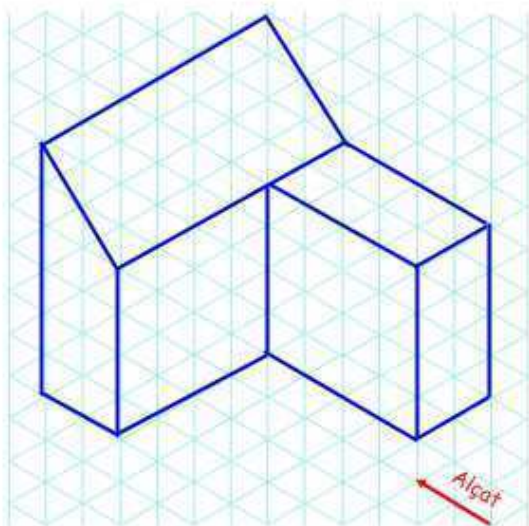
Peça nº 24



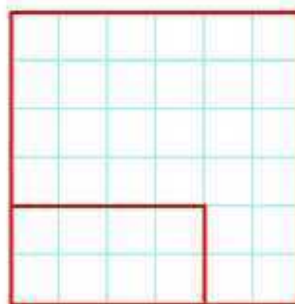
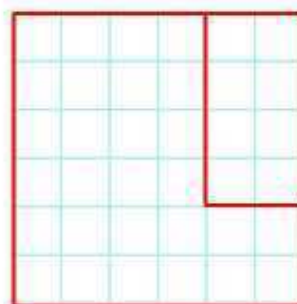
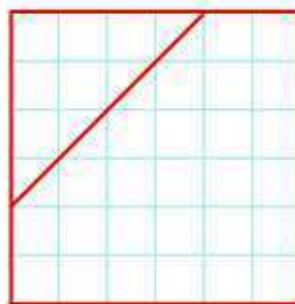
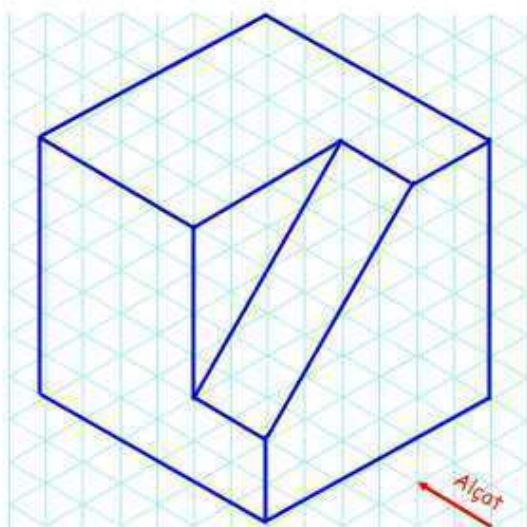
Peça nº 25



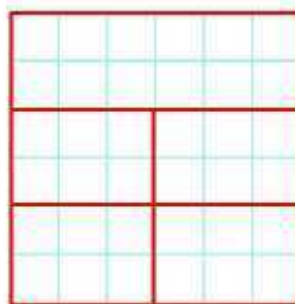
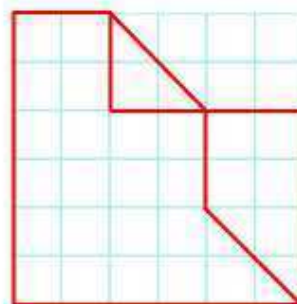
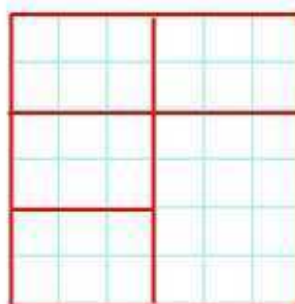
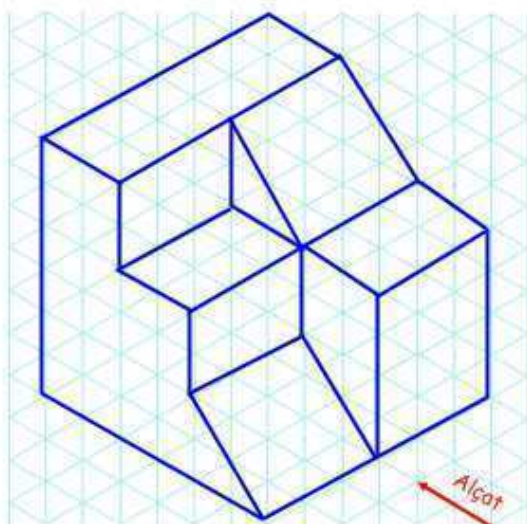
Peça nº 26



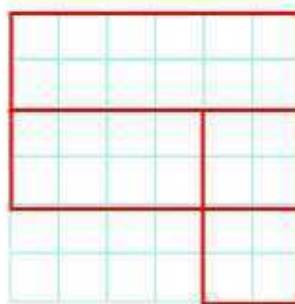
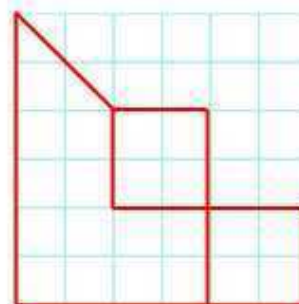
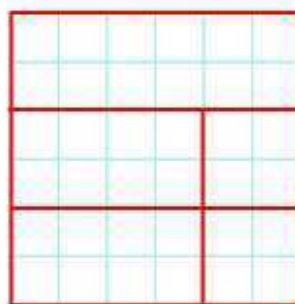
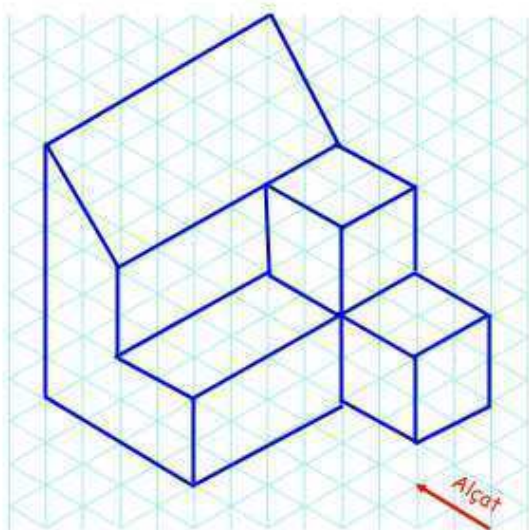
Peça nº 27



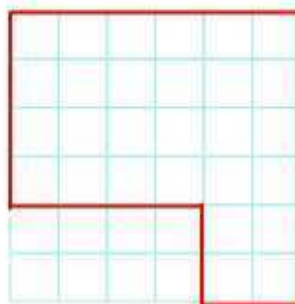
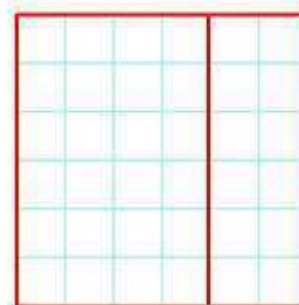
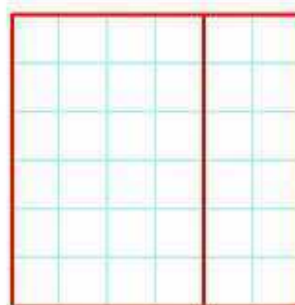
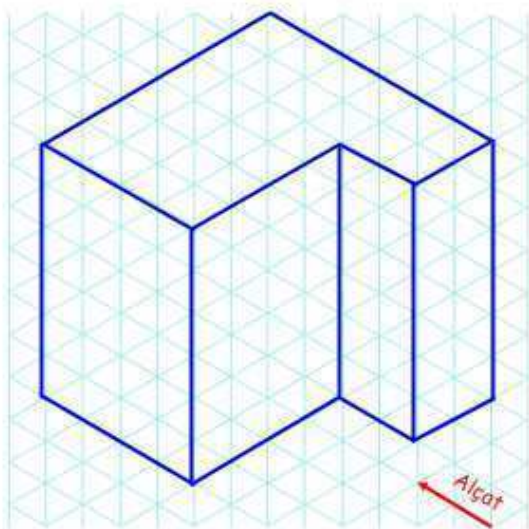
Peça nº 28



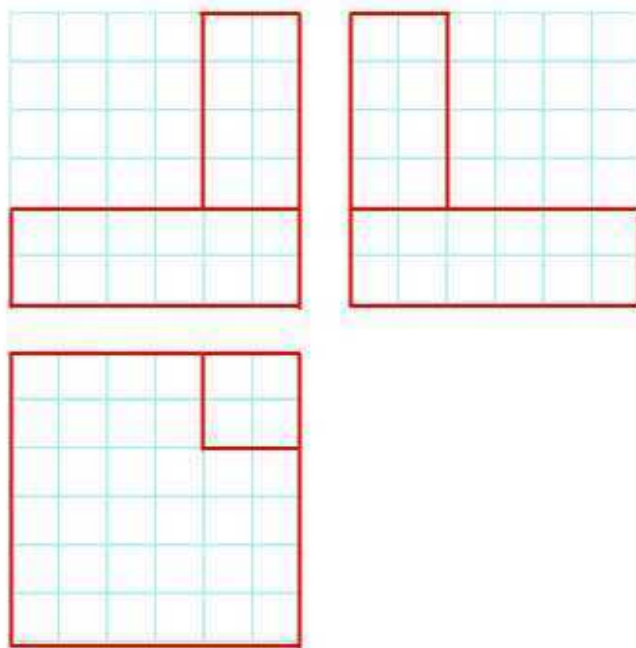
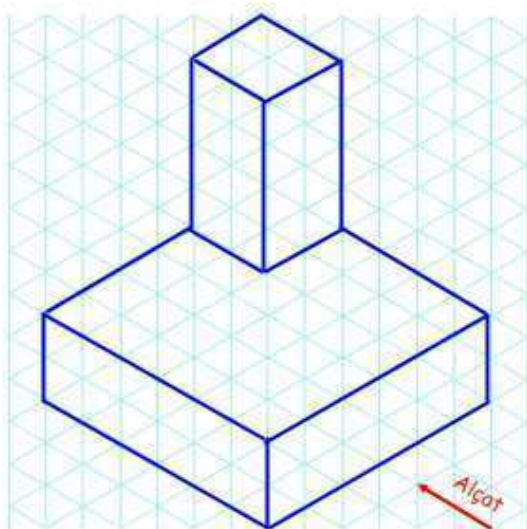
Peça nº 29



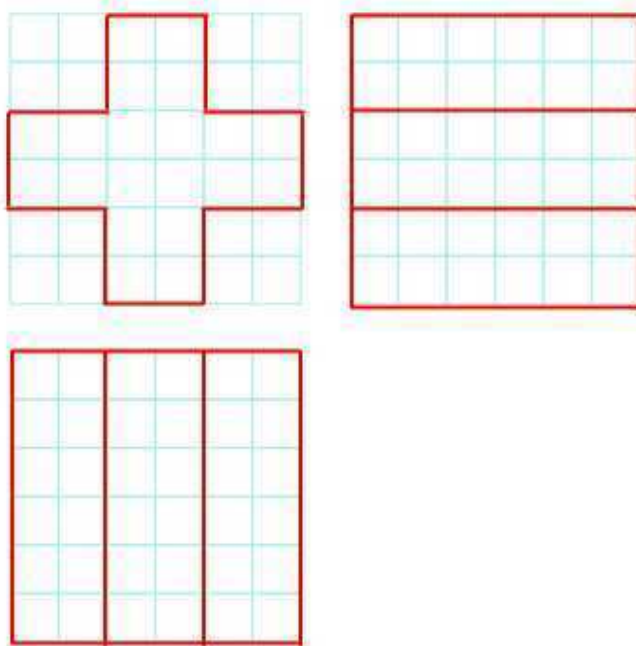
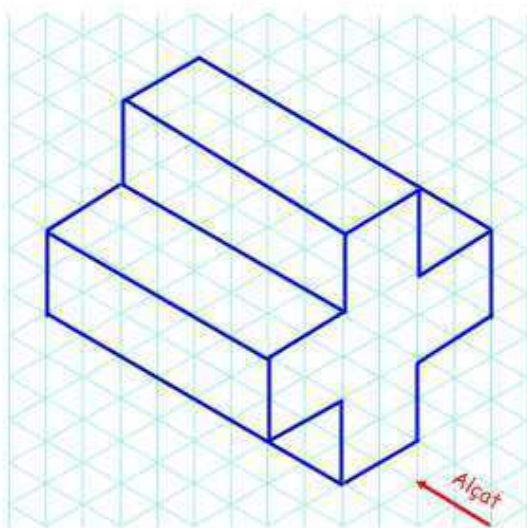
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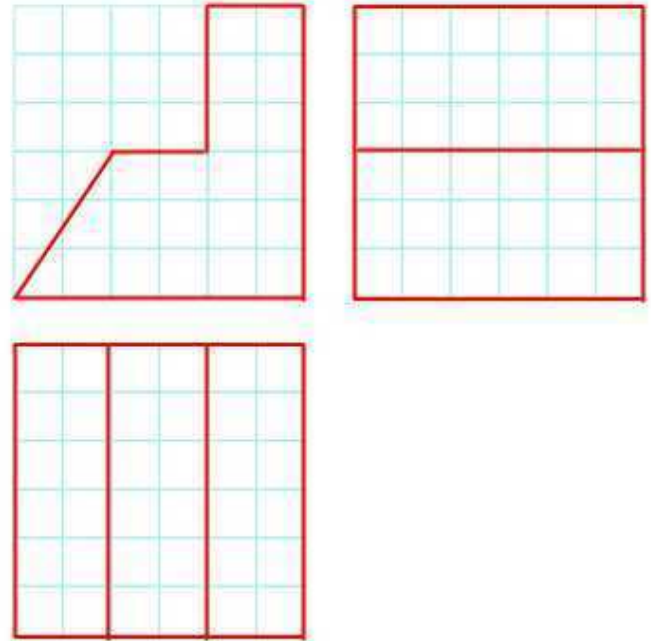
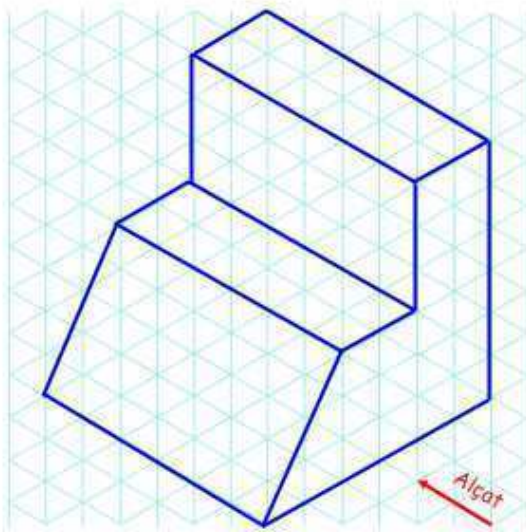
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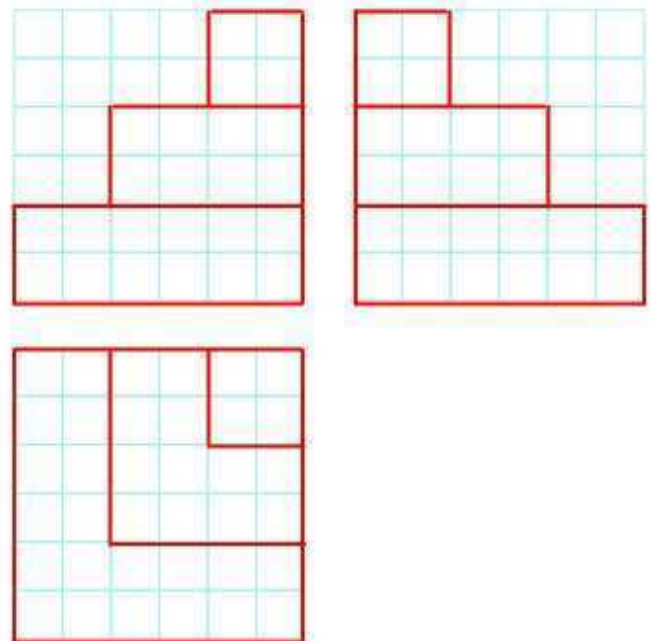
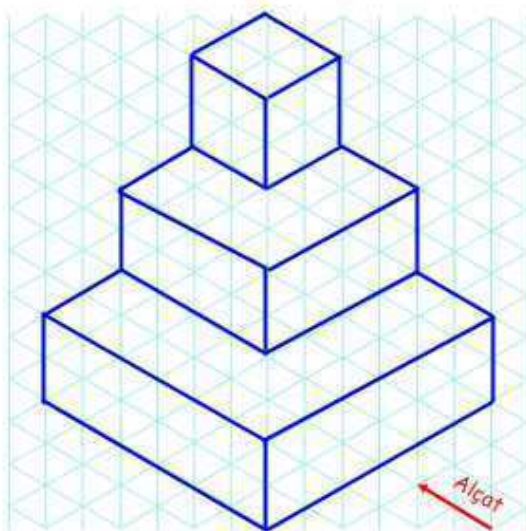
Peça nº 32



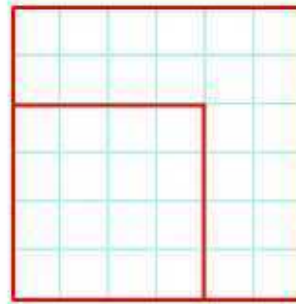
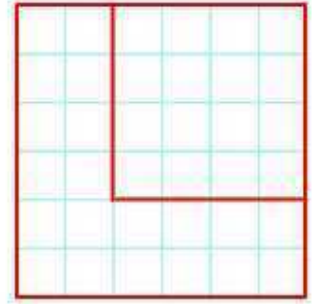
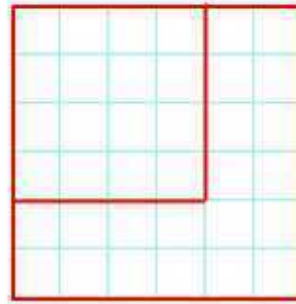
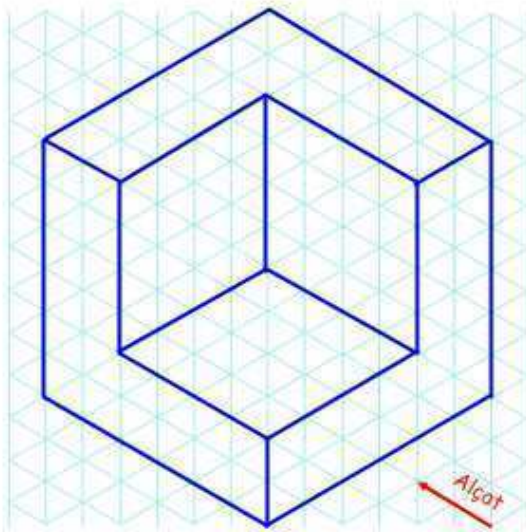
Peça n° 33



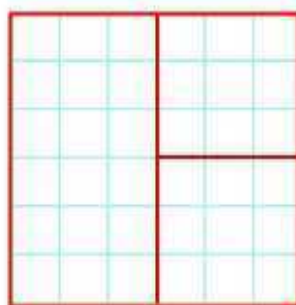
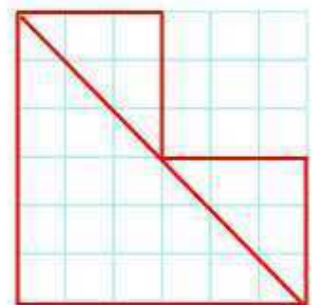
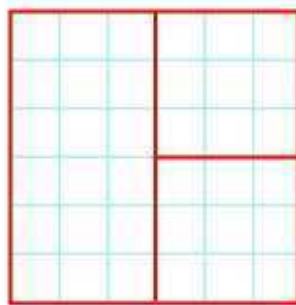
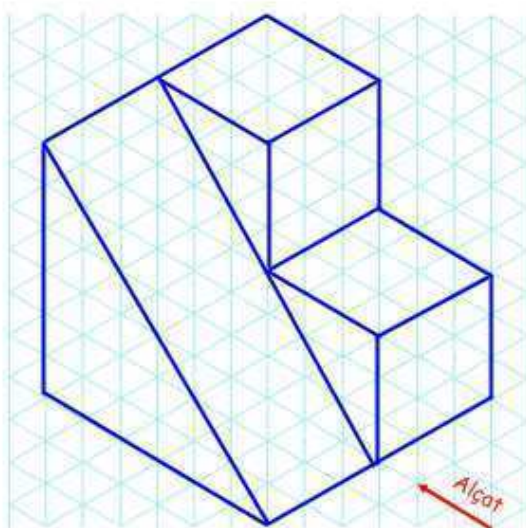
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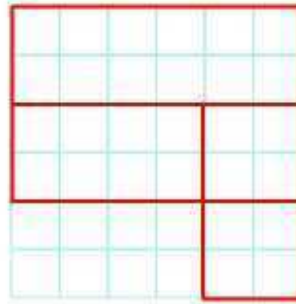
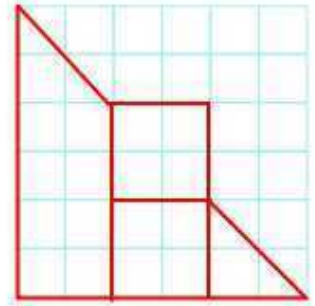
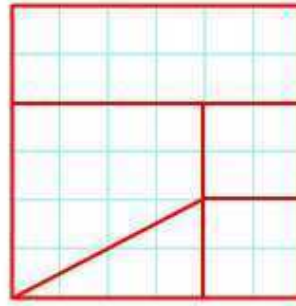
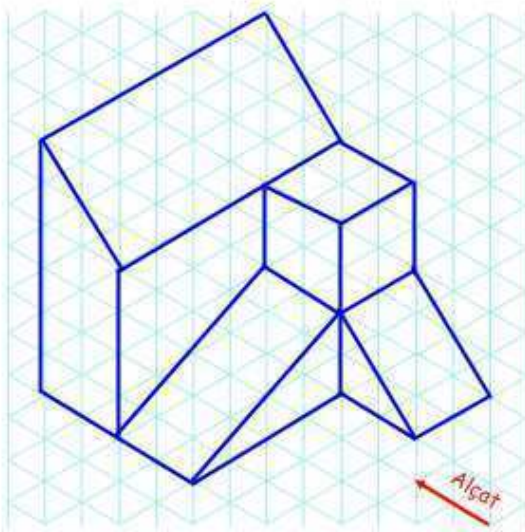
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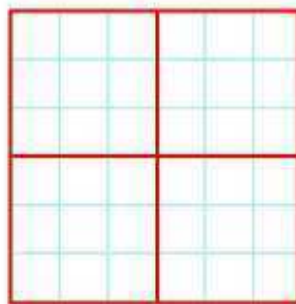
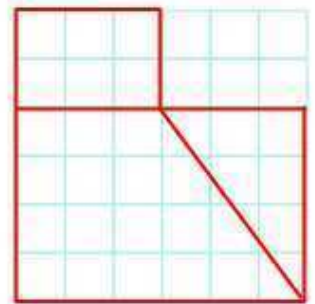
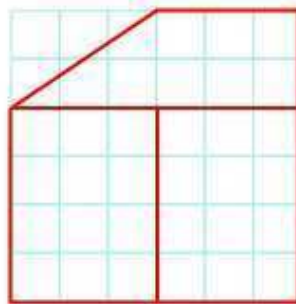
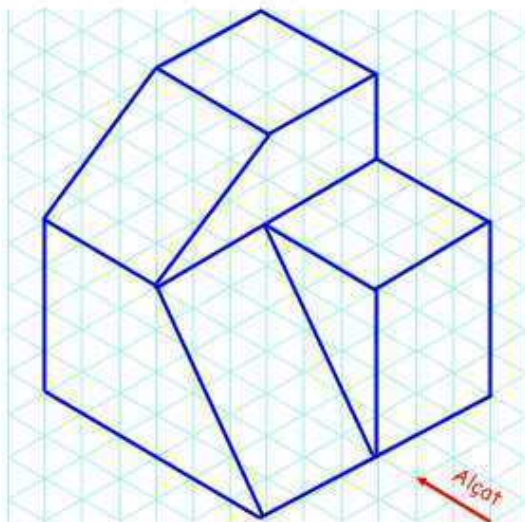
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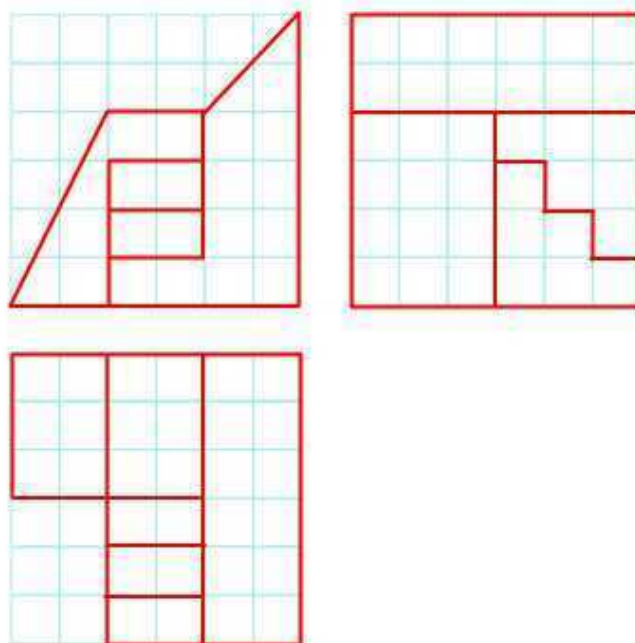
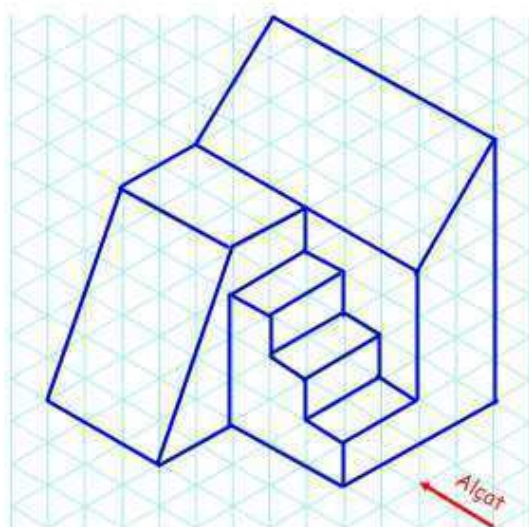
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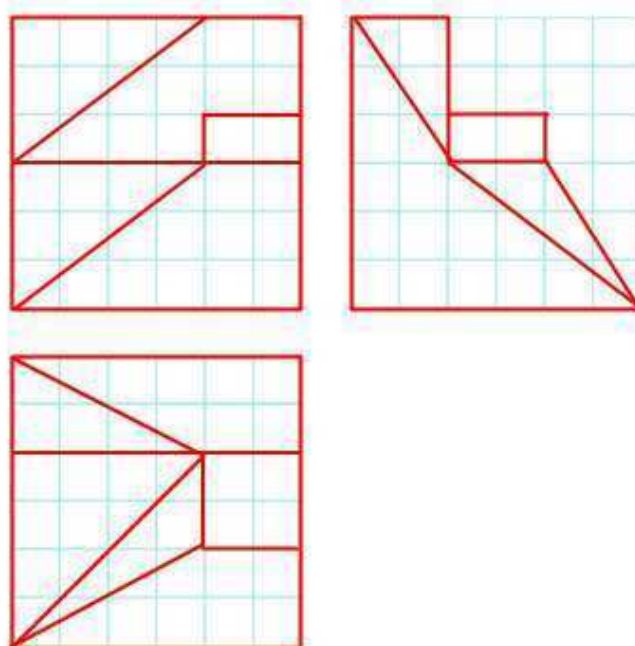
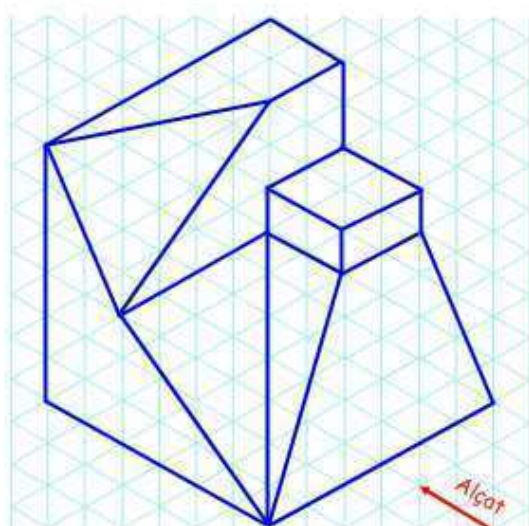
Peça nº 38



Peça nº 39



Peça nº 40



Saber-ne més:

http://ca.wikipedia.org/wiki/Sistema_di%C3%A8dric

Iniciació al sistema dièdric:

<http://iesdiegovelazquez.org/dibujo/PacoDocWeb/recursos/dibTecnico/diedrico/index.html>

Laboratori virtual per a l'estudi del sistema dièdric:

<http://palmera.pntic.mec.es/~jcuadr2/laboratoriosd/index.html>

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