

NOM i COGNOMS:

CURS:

DATA: de / / a / /

Tema 4: SISTEMA DIÈDRIC

Projeccions de sòlids

Dossier d'activitats

Visiona el següent audiovisual i completa els buits del text,
després resol les activitats

<http://www.edu365.cat/eso/muds/visual/diedric/index.htm>

EL SISTEMA DIÈDRIC

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

Es basa en, i així es representa segons el sistema de projecció europeu o americà.

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

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

PROJECCIONS

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

PROJECCIONS EN EL PLA

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

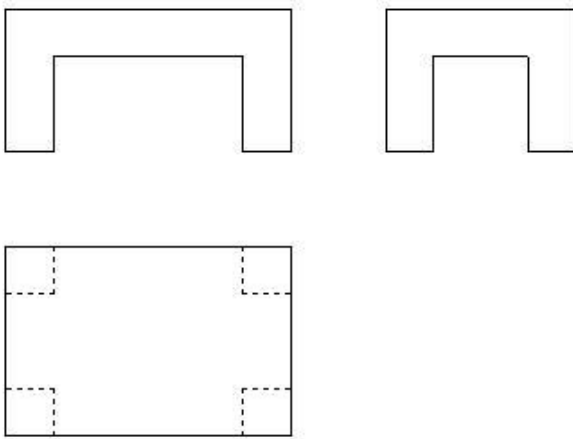
Obliqua: El raig de projecció no és de°

TIPUS DE PROJECCIÓ

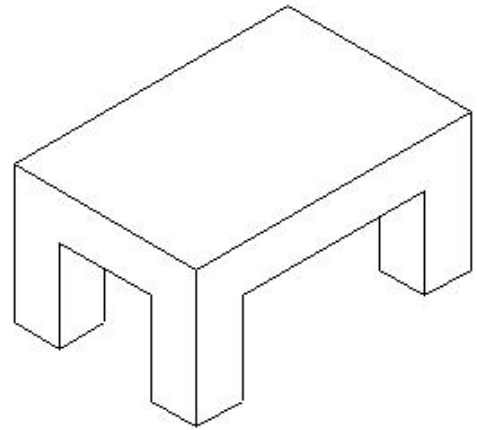
C..... : Els raigs de projecció són entre ells i, en funció de l'angle que formen amb el pla de projecció poden ser o

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

VISTES



PERSPECTIVES

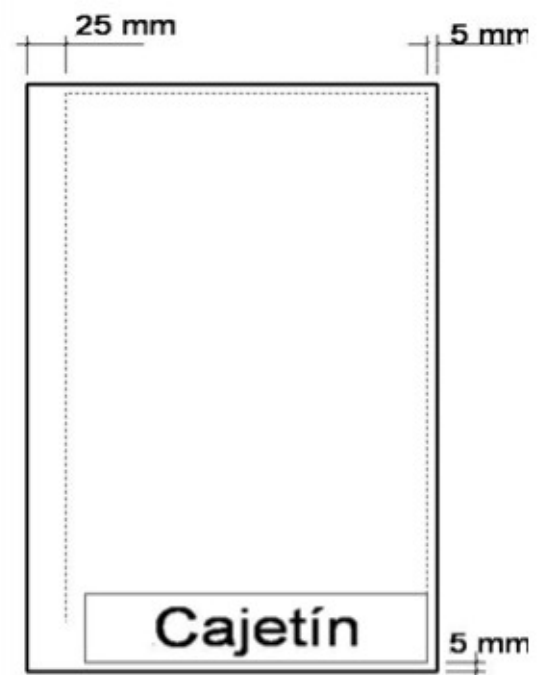


Representar objectes es pot fer mitjançant vistes i perspectives

PLANELLS

La representació amb estris de dibuix es realitza en els planells

Situació del caixetí i marges en un planell tamany DIN-A4

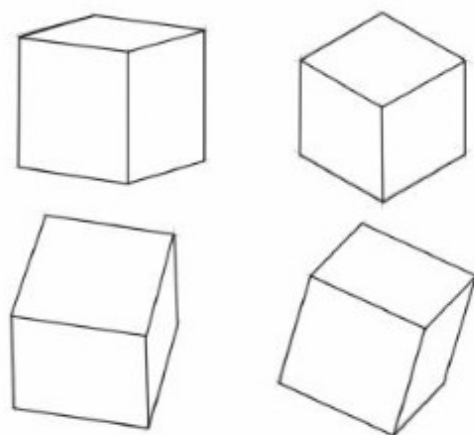


ESBOSSOS

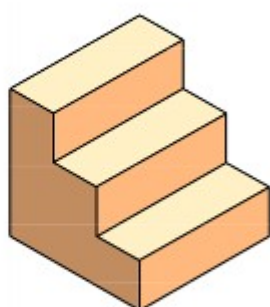


Cubs mal dibuixats

Cubs vistos de diferents posicions

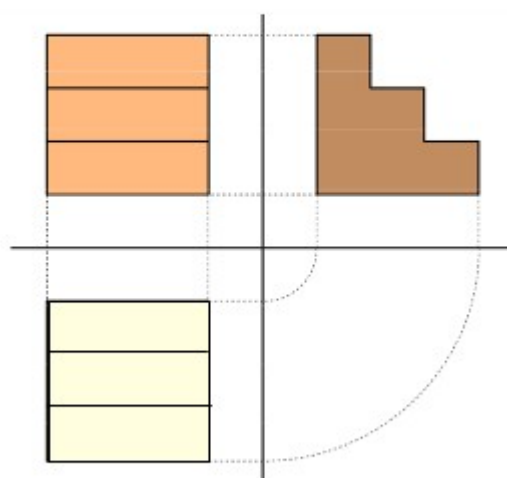


VISTES



Alçat

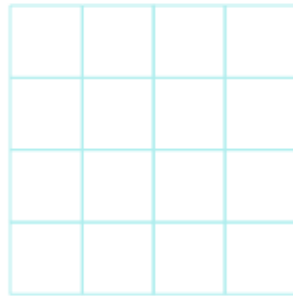
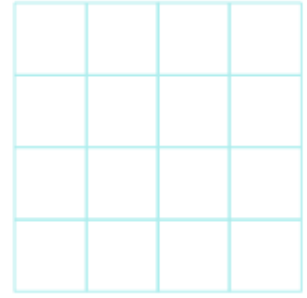
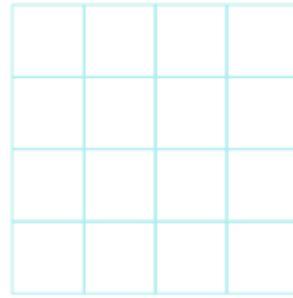
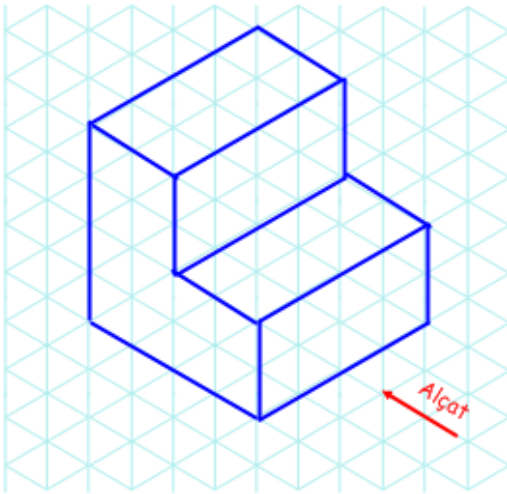
Perfil



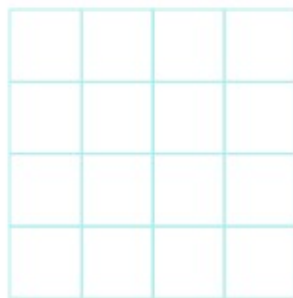
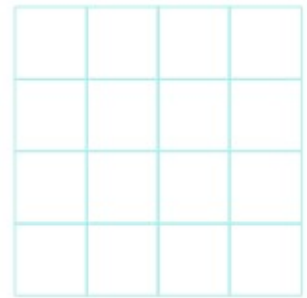
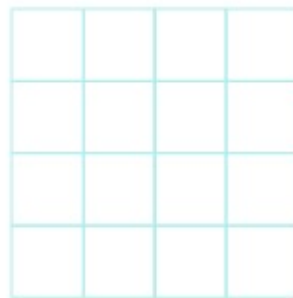
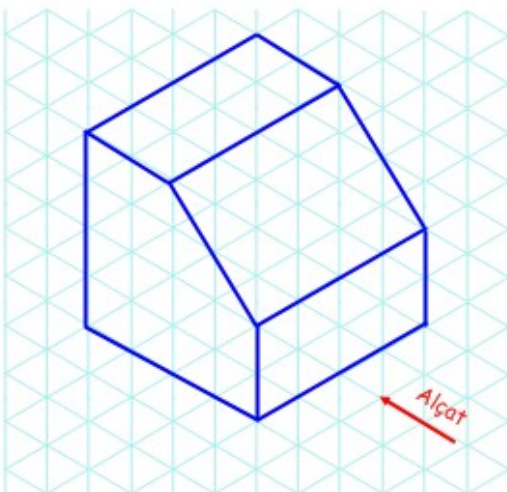
Planta

ACTIVITATS

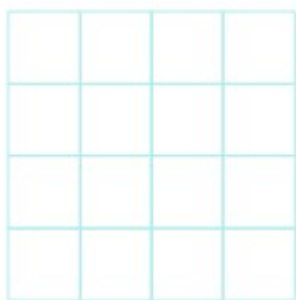
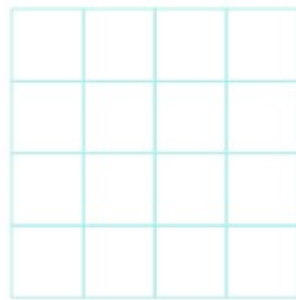
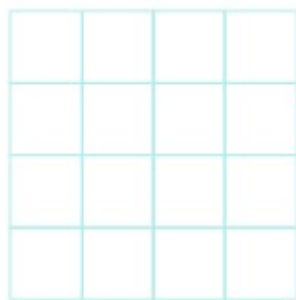
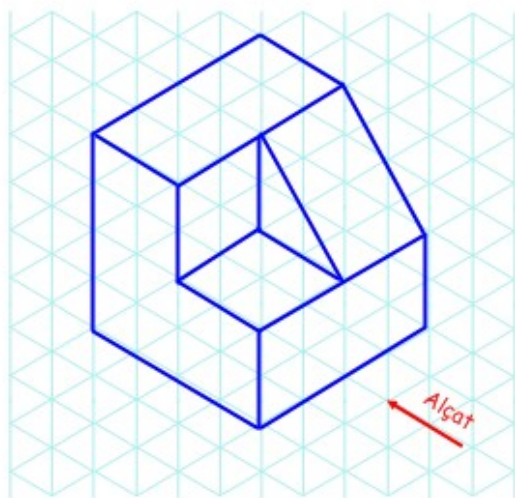
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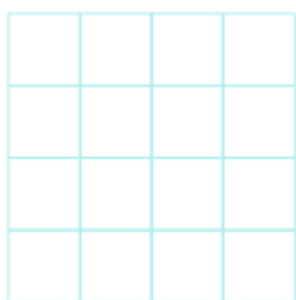
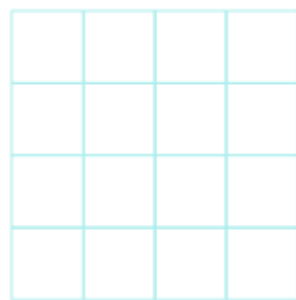
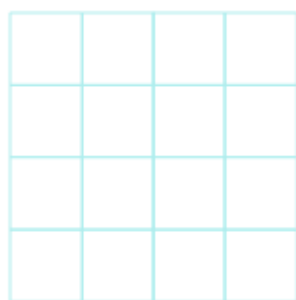
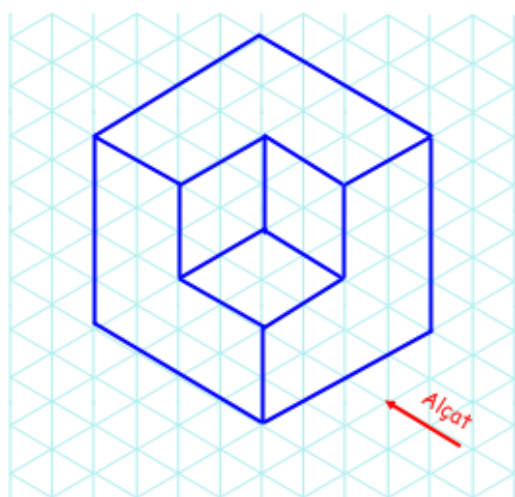
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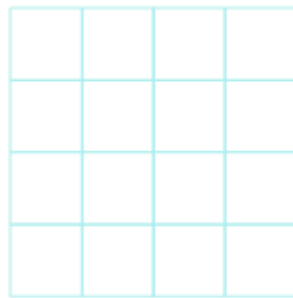
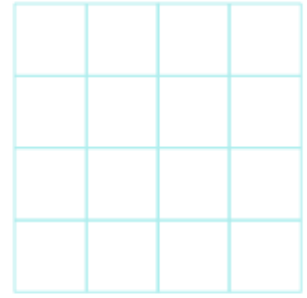
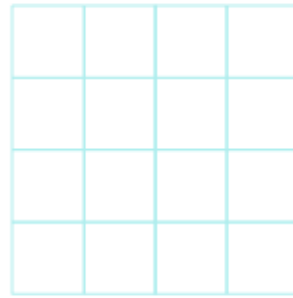
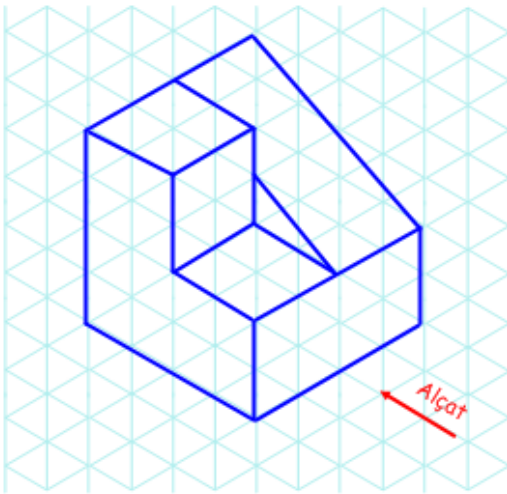
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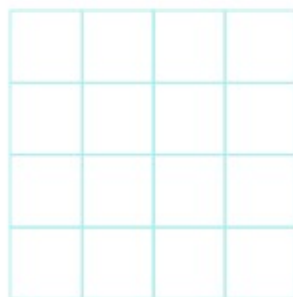
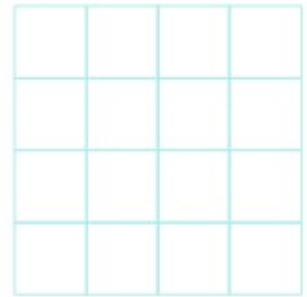
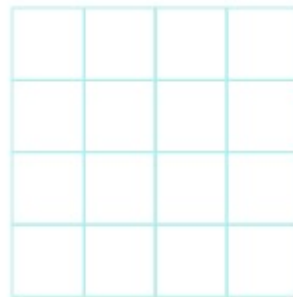
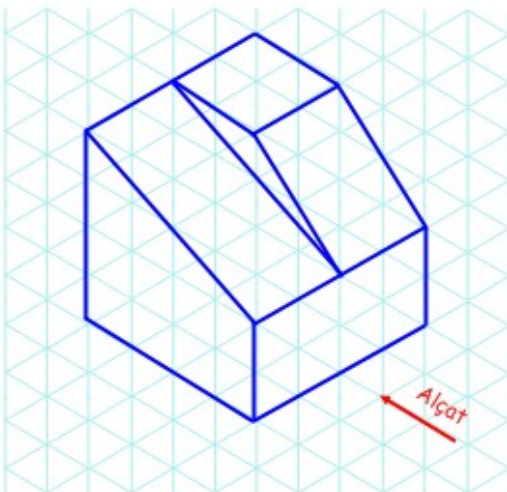
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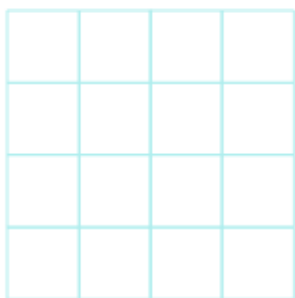
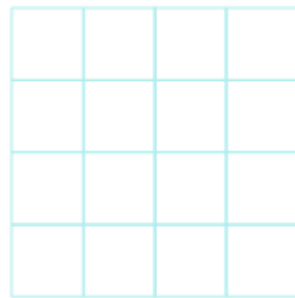
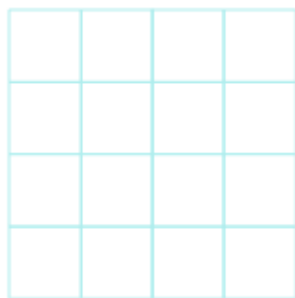
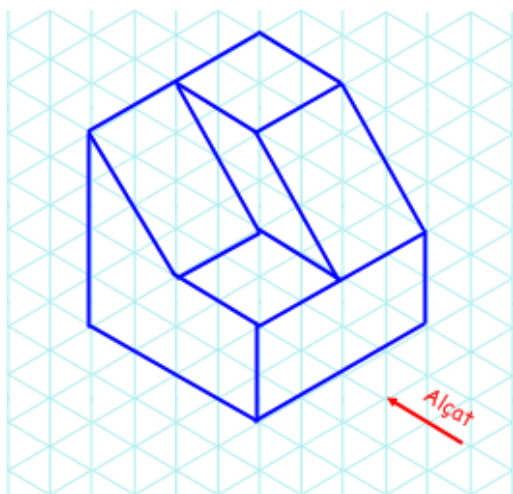
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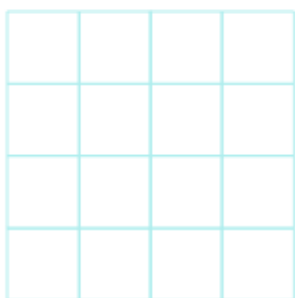
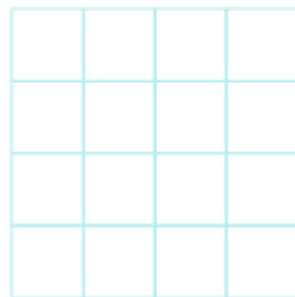
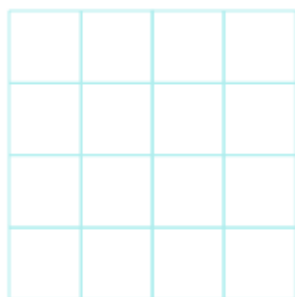
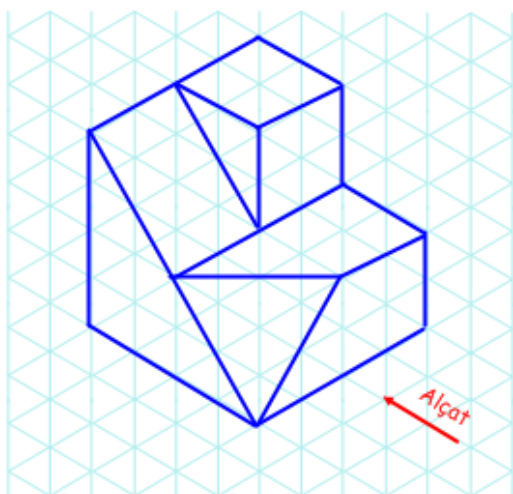
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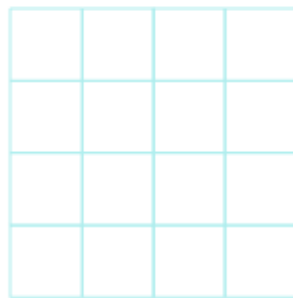
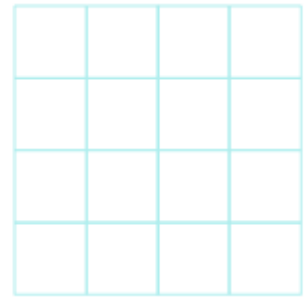
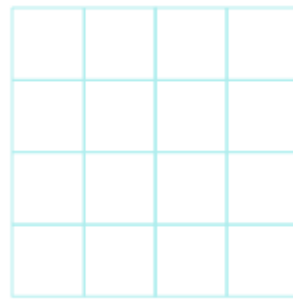
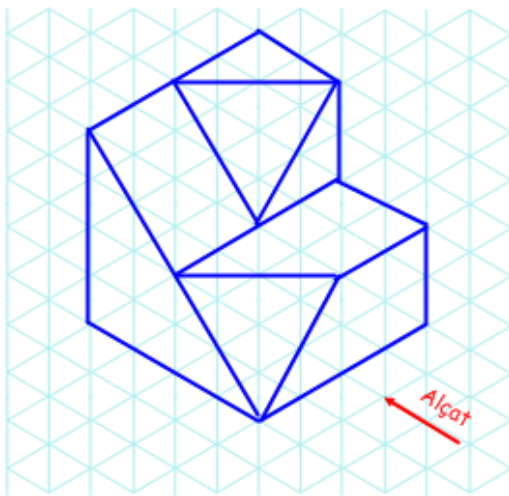
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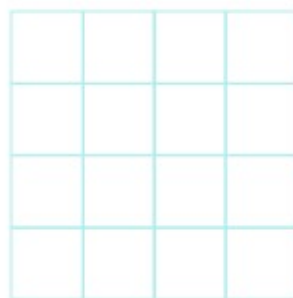
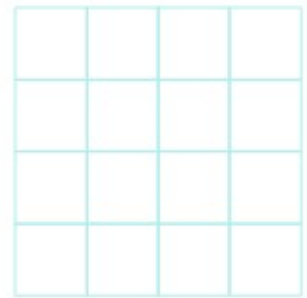
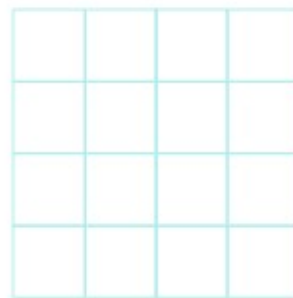
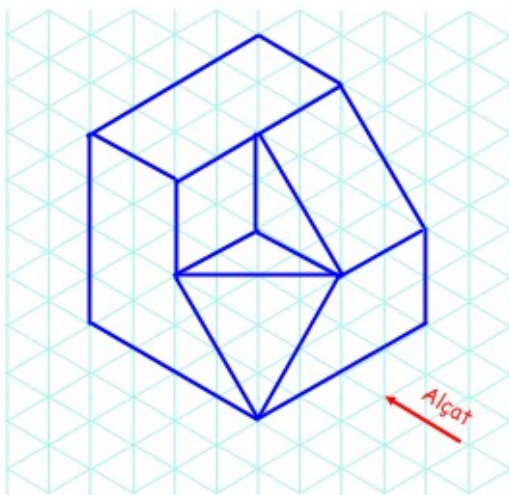
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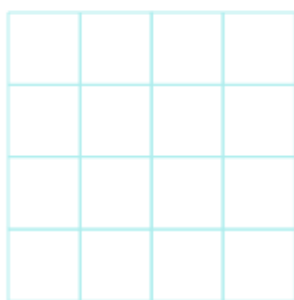
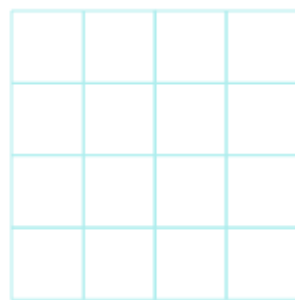
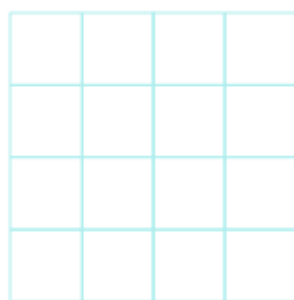
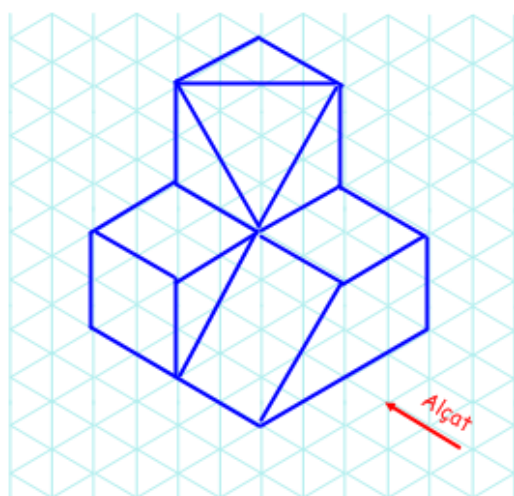
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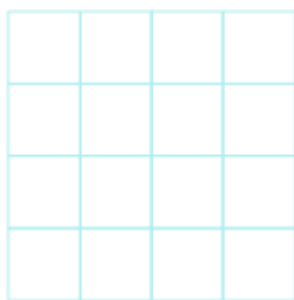
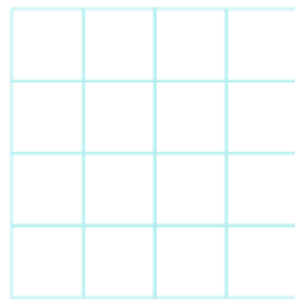
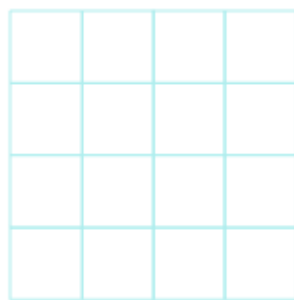
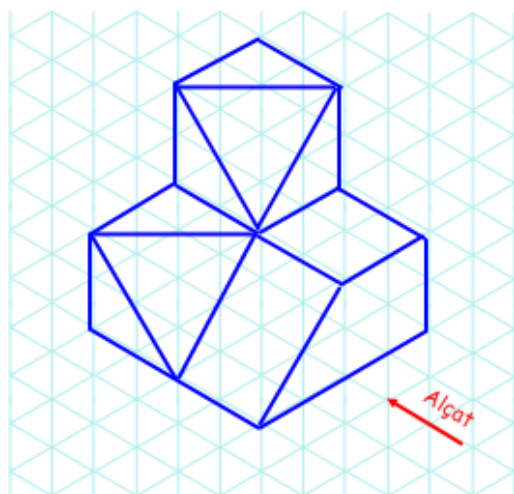
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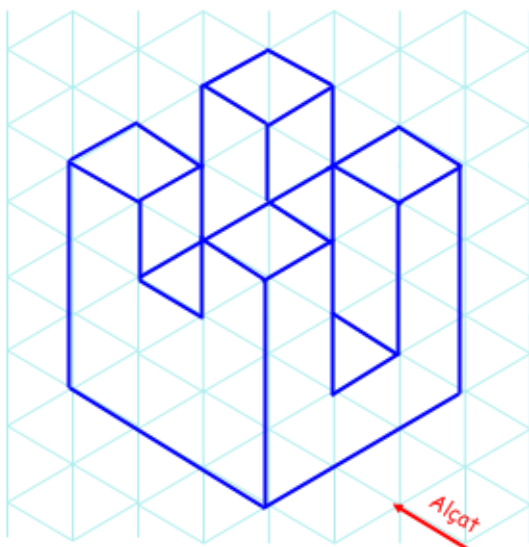
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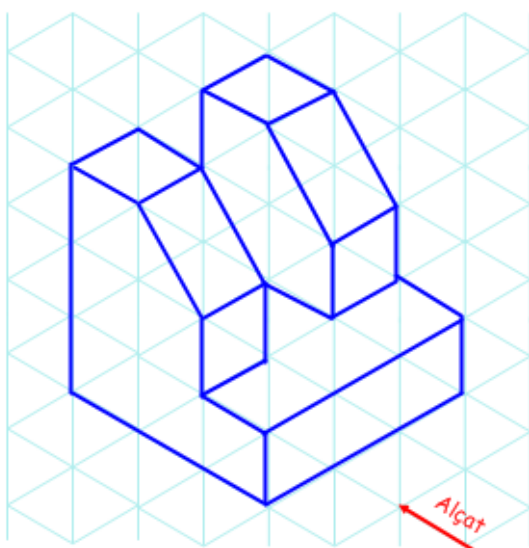
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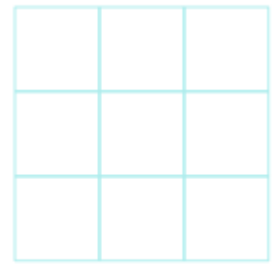
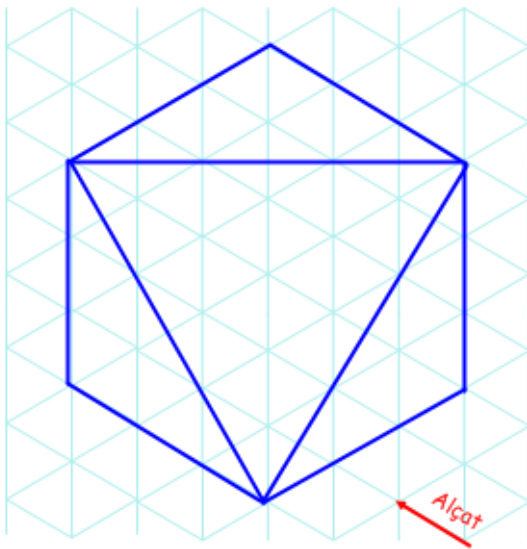
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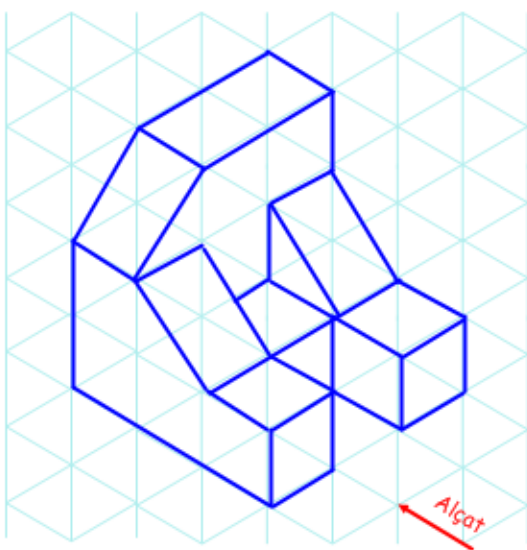
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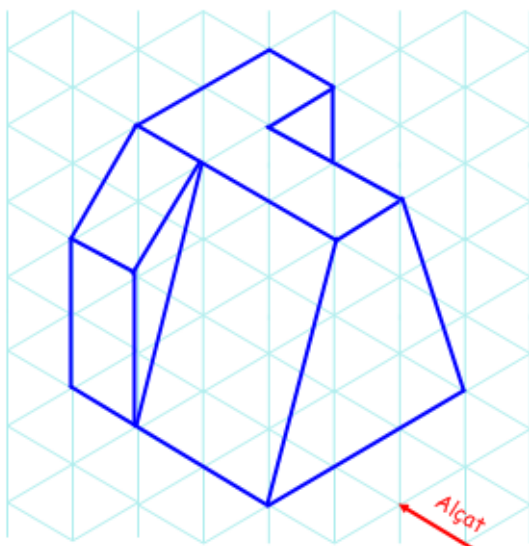
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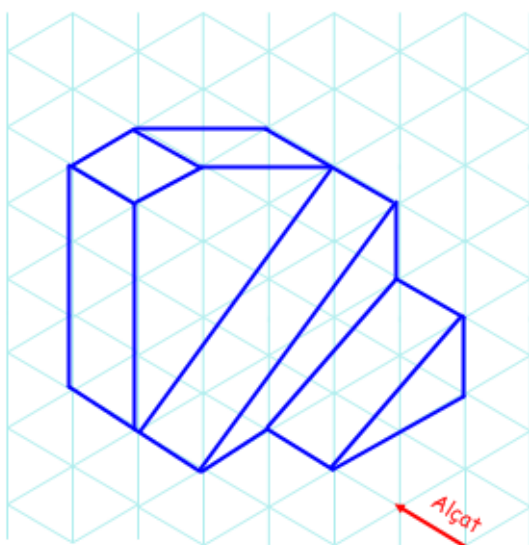
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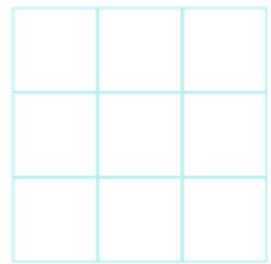
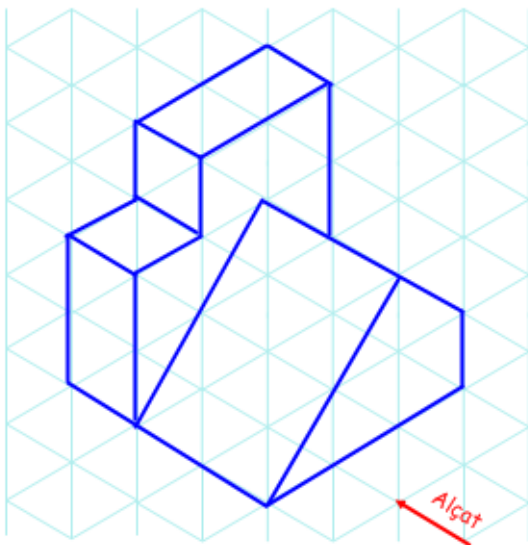
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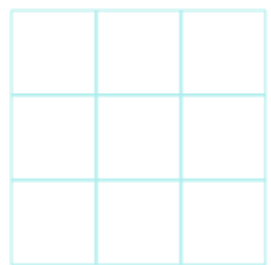
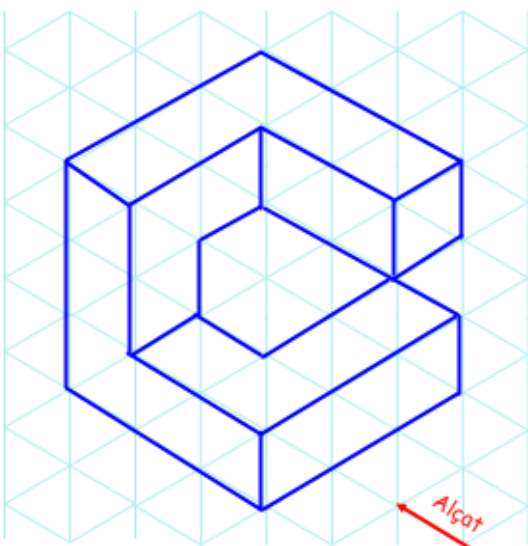
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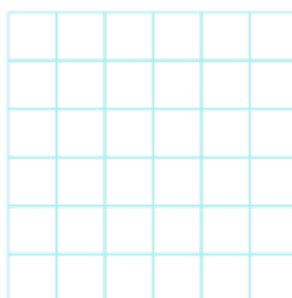
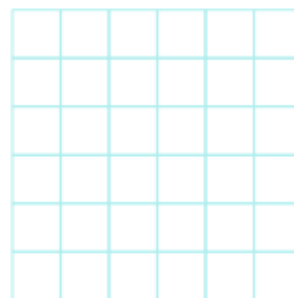
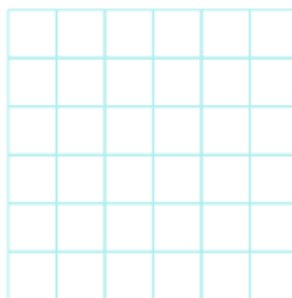
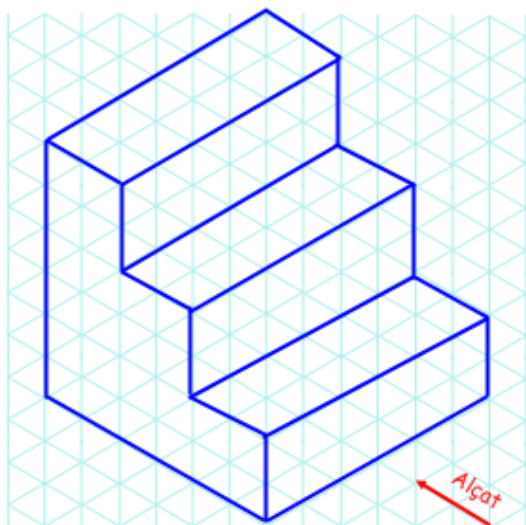
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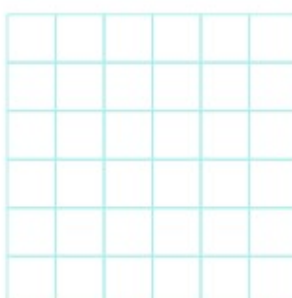
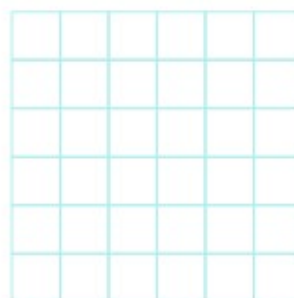
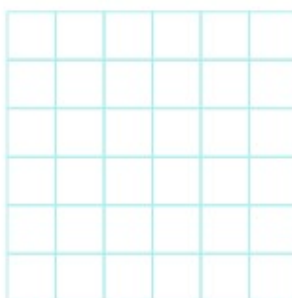
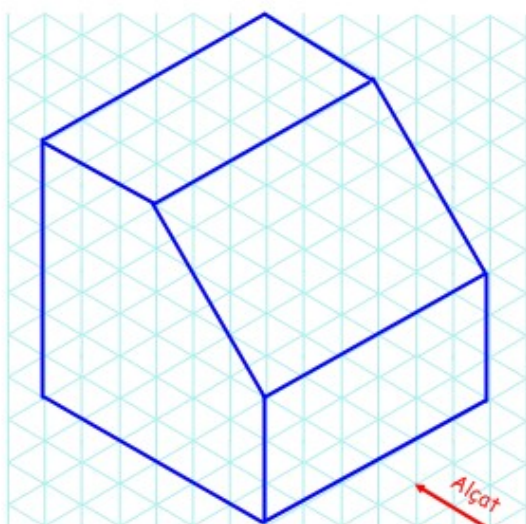
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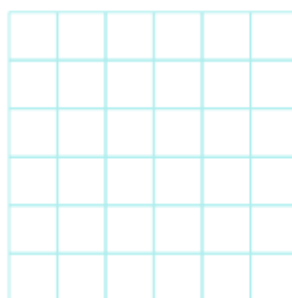
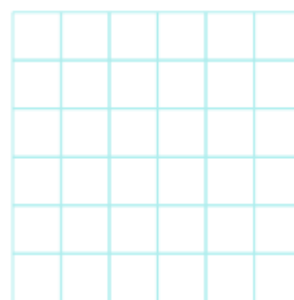
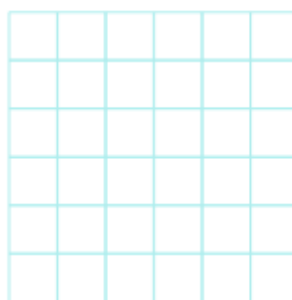
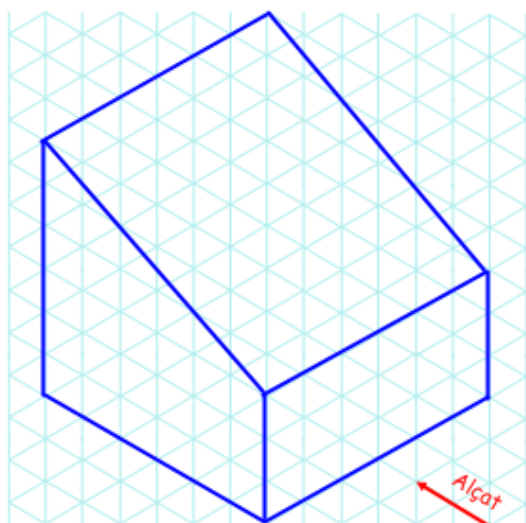
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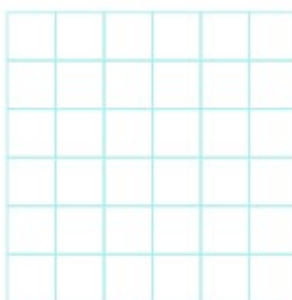
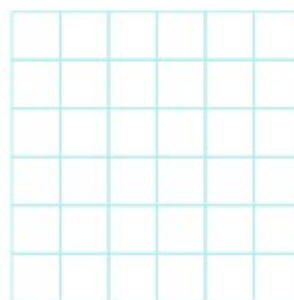
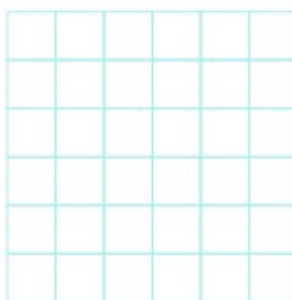
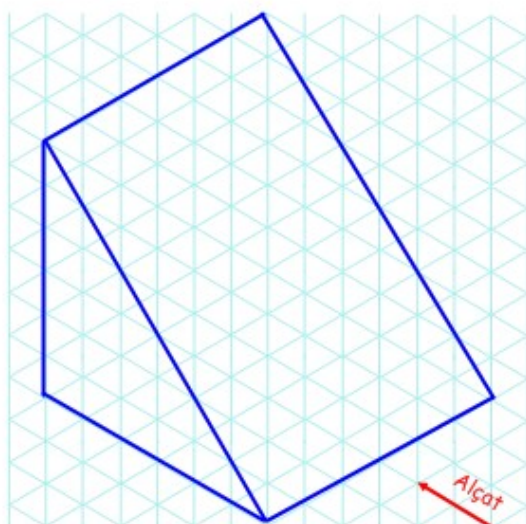
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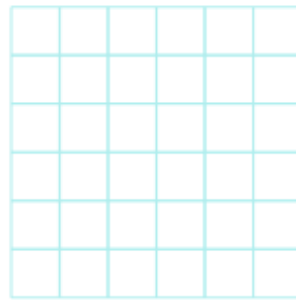
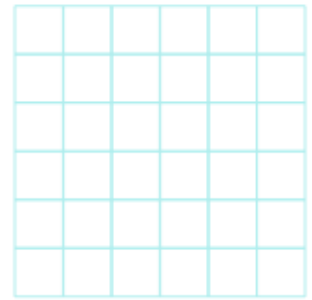
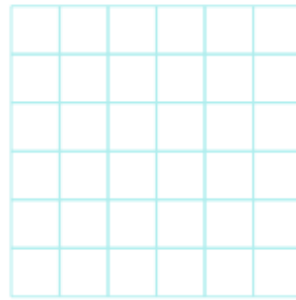
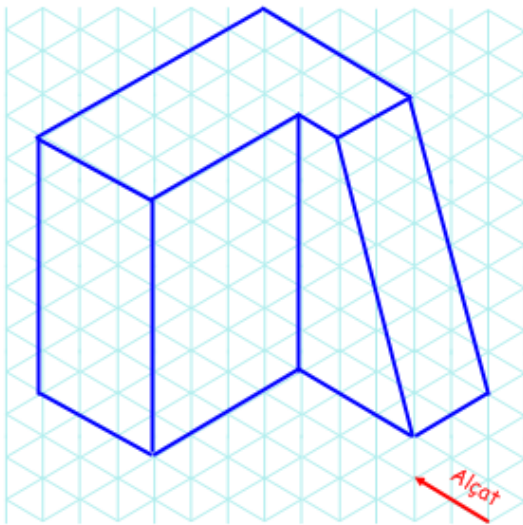
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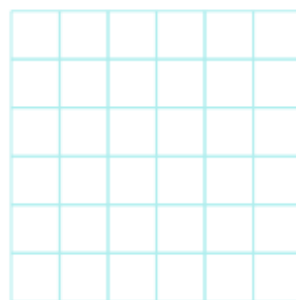
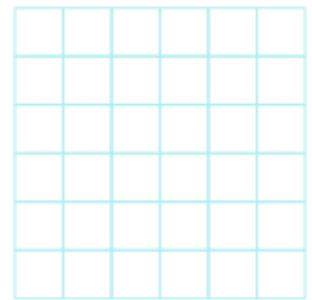
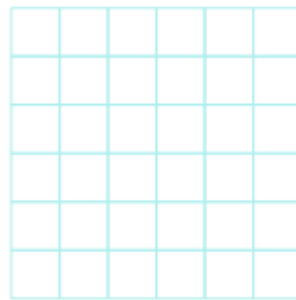
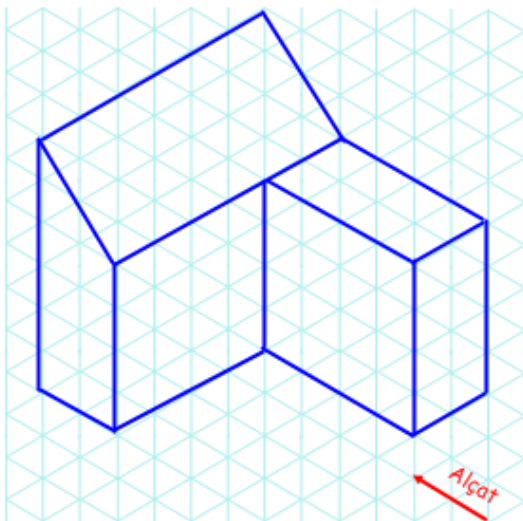
Peça nº 24



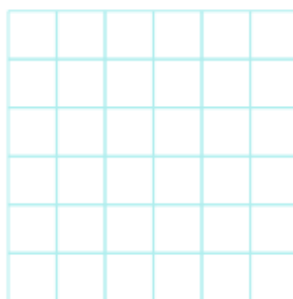
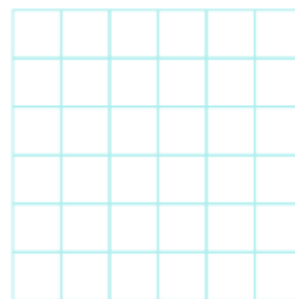
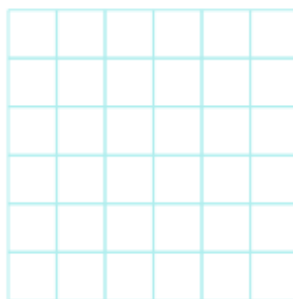
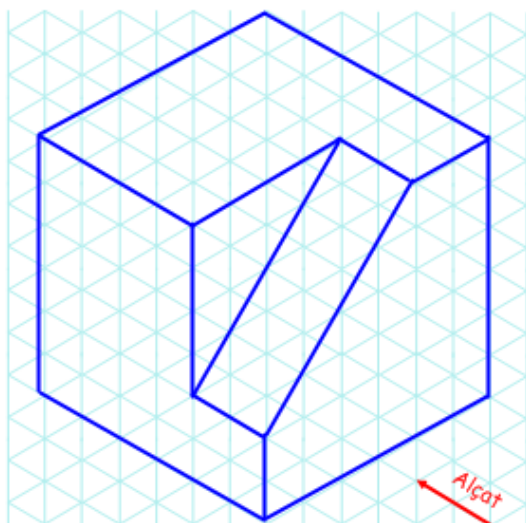
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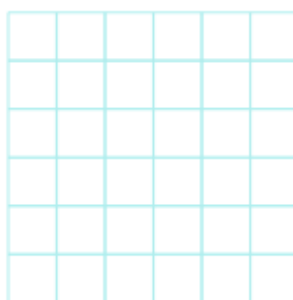
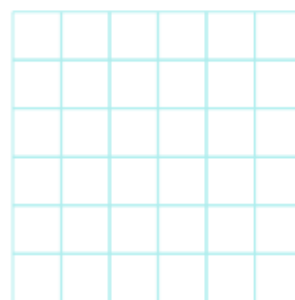
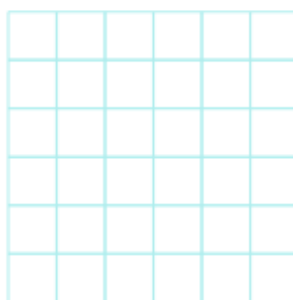
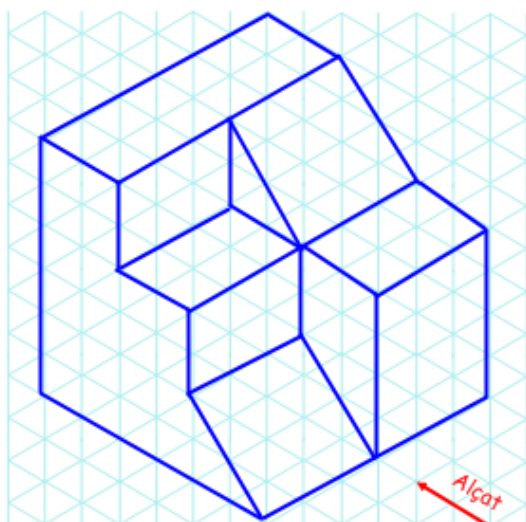
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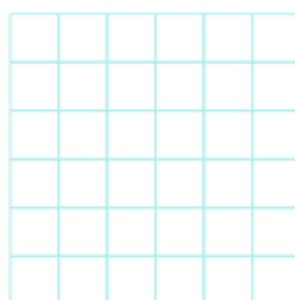
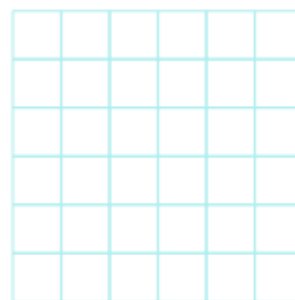
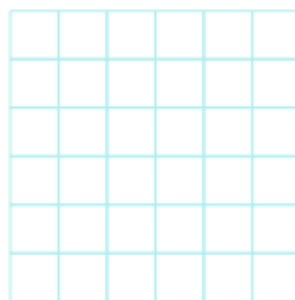
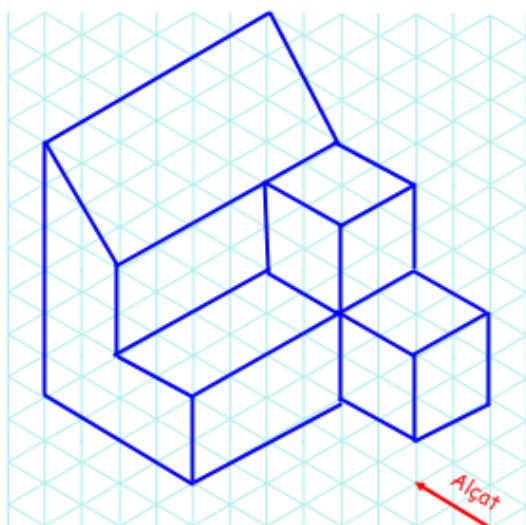
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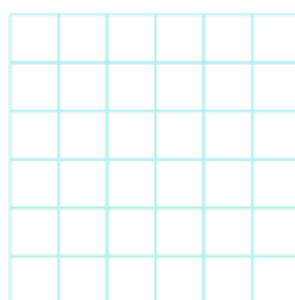
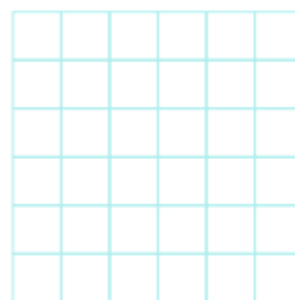
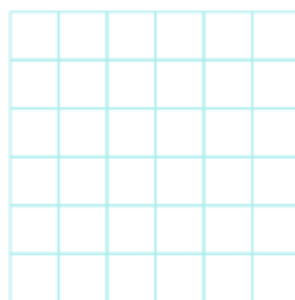
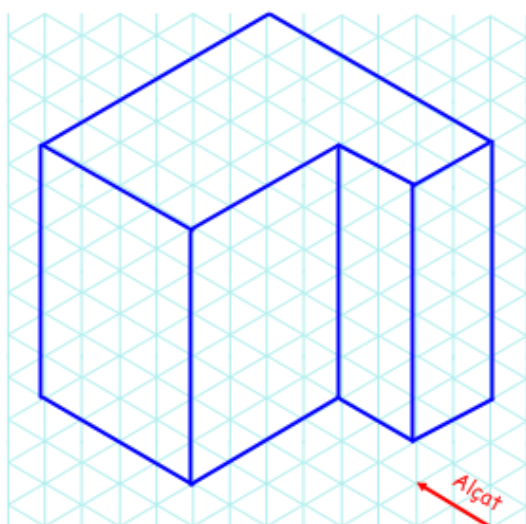
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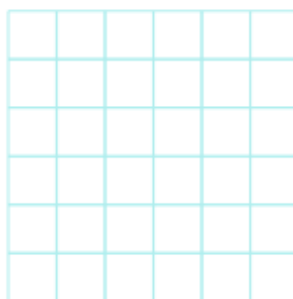
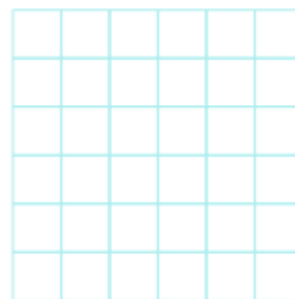
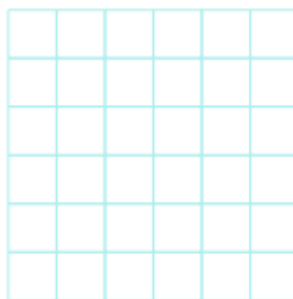
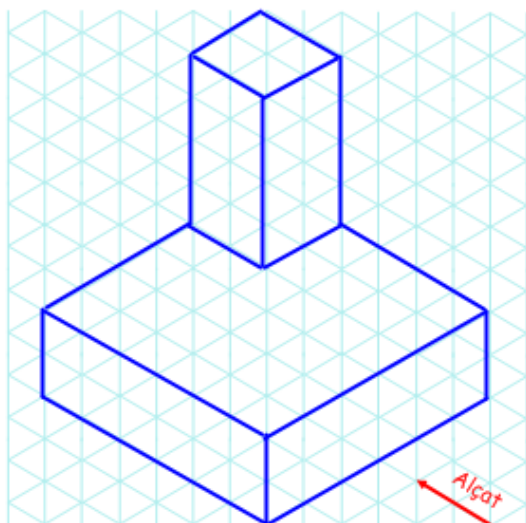
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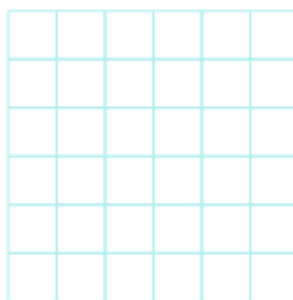
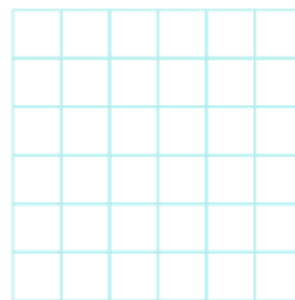
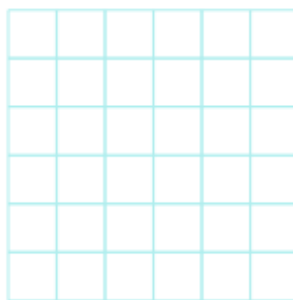
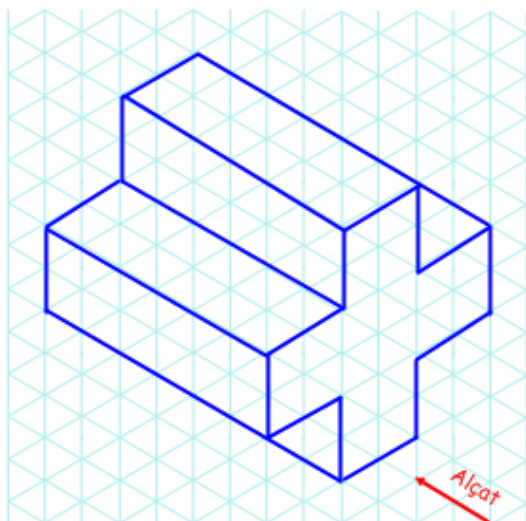
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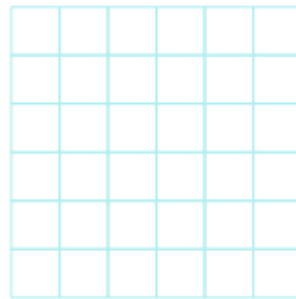
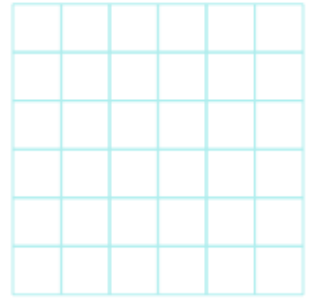
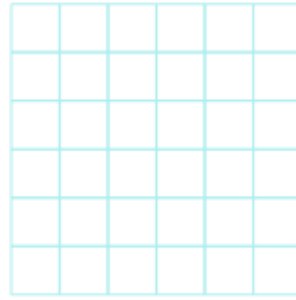
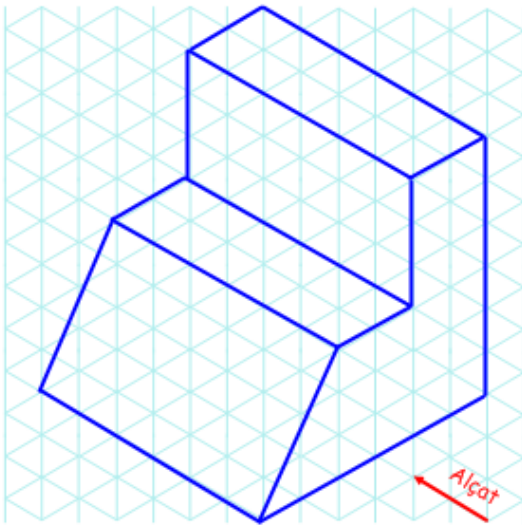
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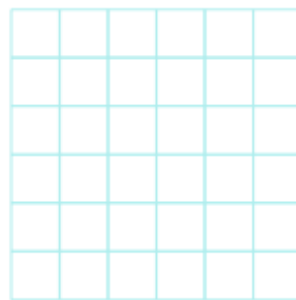
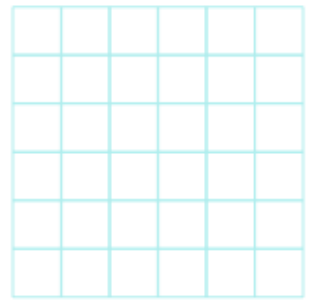
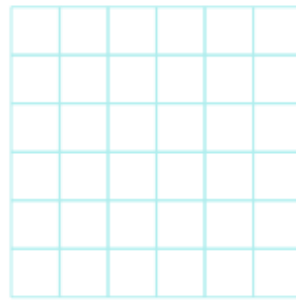
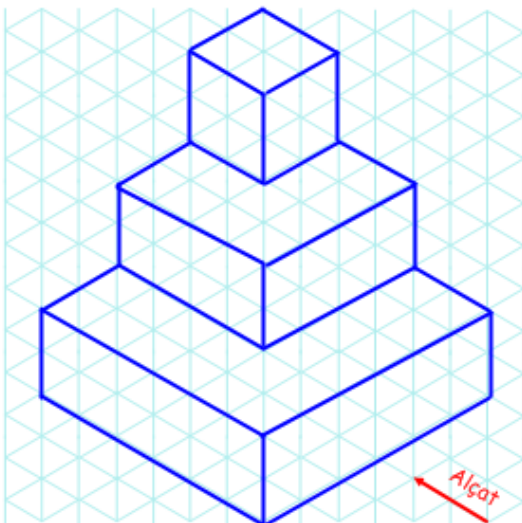
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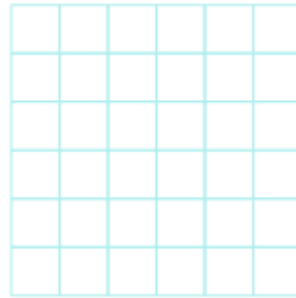
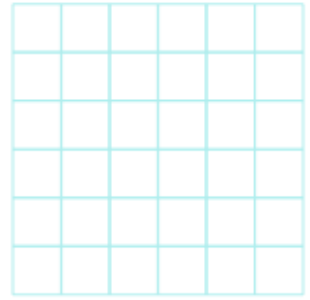
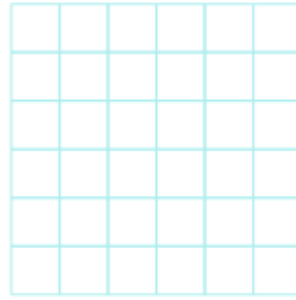
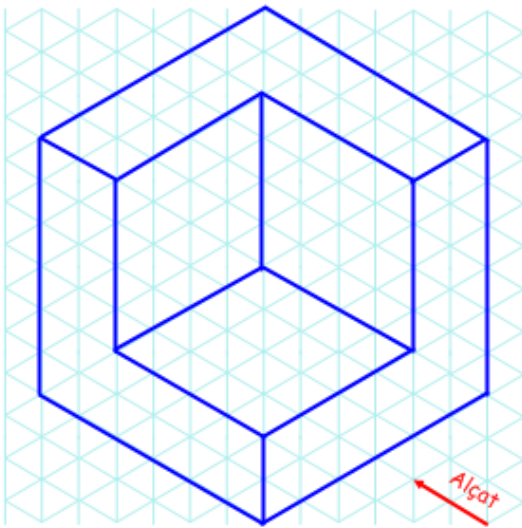
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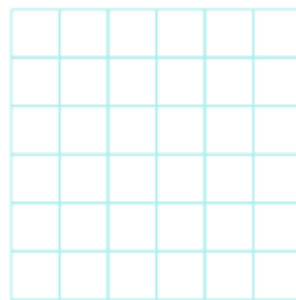
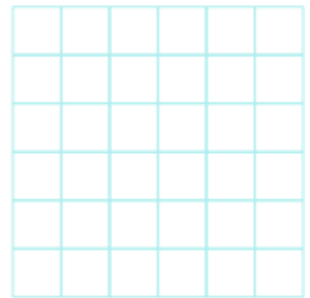
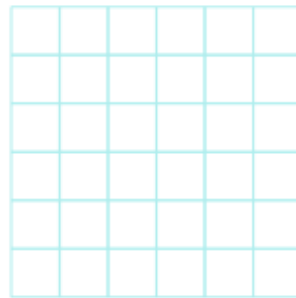
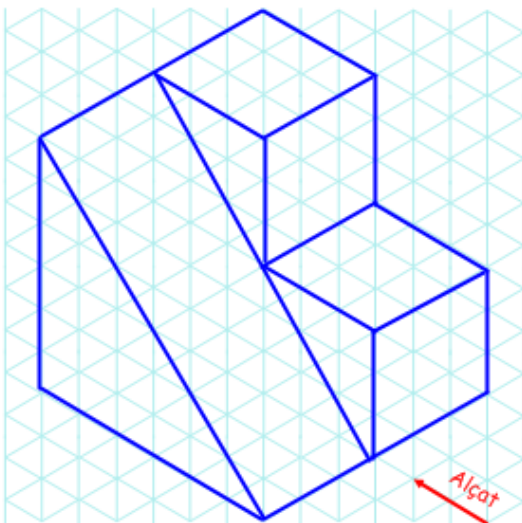
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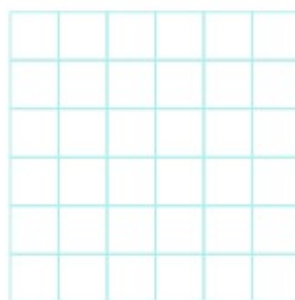
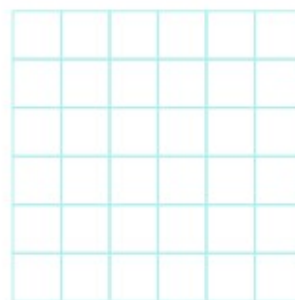
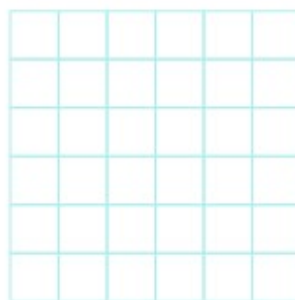
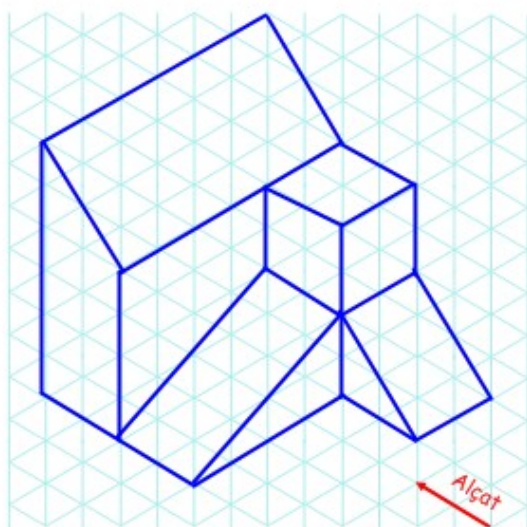
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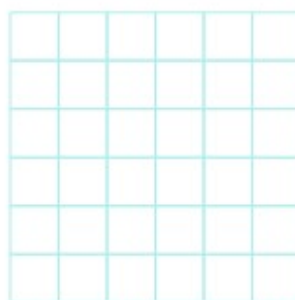
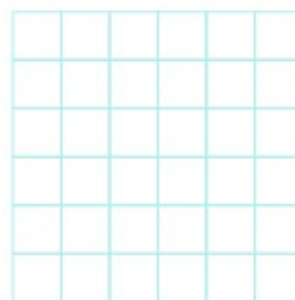
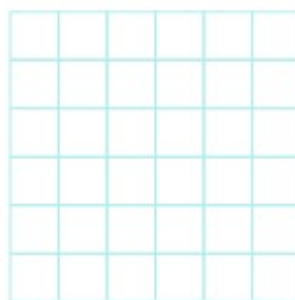
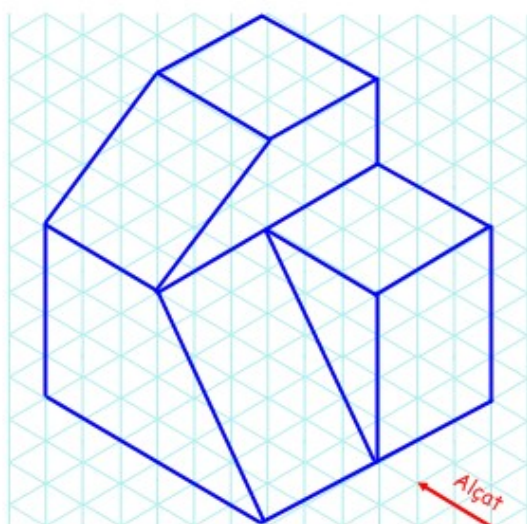
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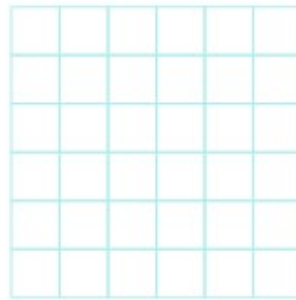
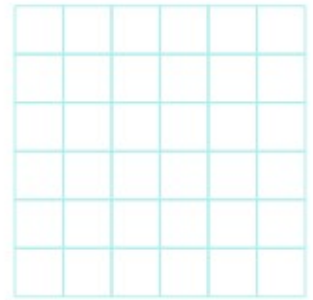
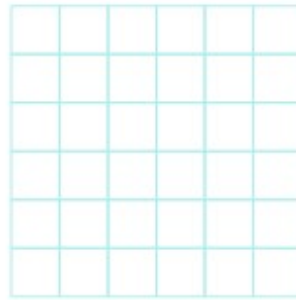
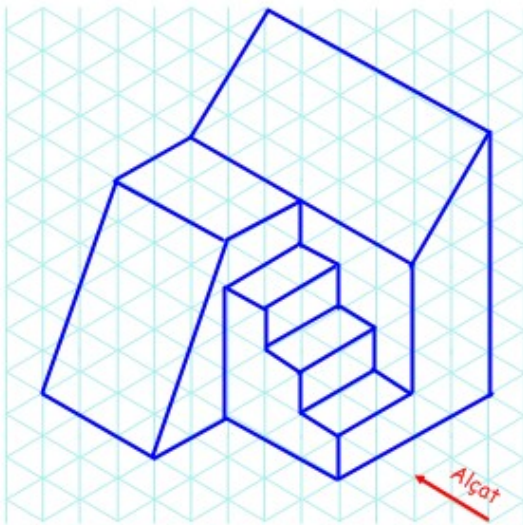
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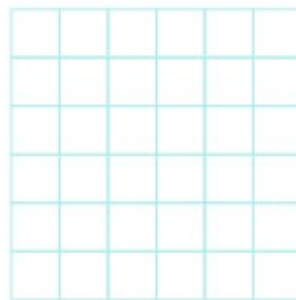
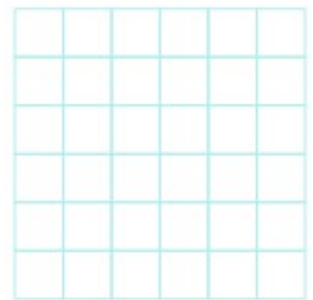
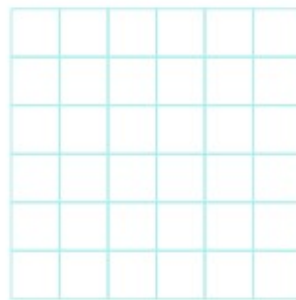
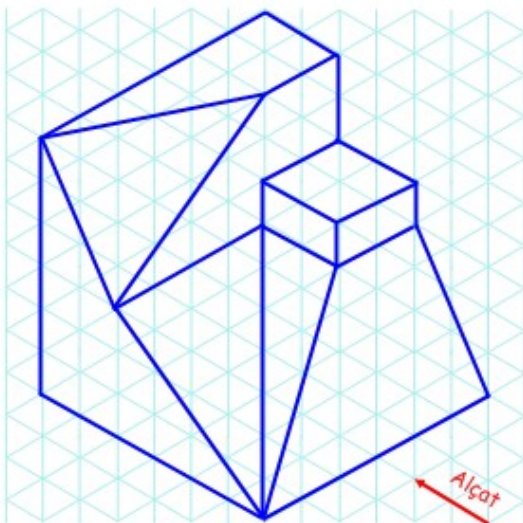
Peça nº 38



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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