



APOSTILA DE

EXERCÍCIOS

DE DESENHO

TÉCNICO

Professor : Luiz Carlos Duarte

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 São Paulo	Título	CALIGRAFIA TÉCNICA		Escala	EX Nº
	Aluno :	nº		TURMA	CT1
	Professor : Luiz Carlos Duarte			C.P.F. 1.01	UNIDADE




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 São Paulo	Título	CALIGRAFIA TÉCNICA		Escala	EX Nº
	Aluno :	nº		TURMA	CT1
	Professor : Luiz Carlos Duarte			C.P.F. 1.01	UNIDADE

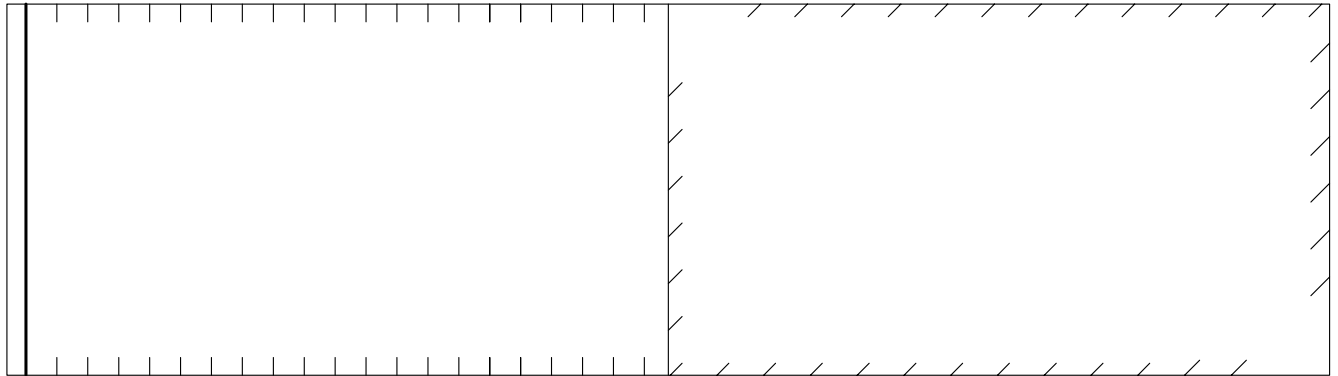
LINHA CONTÍNUA LARGA HORIZONTAL

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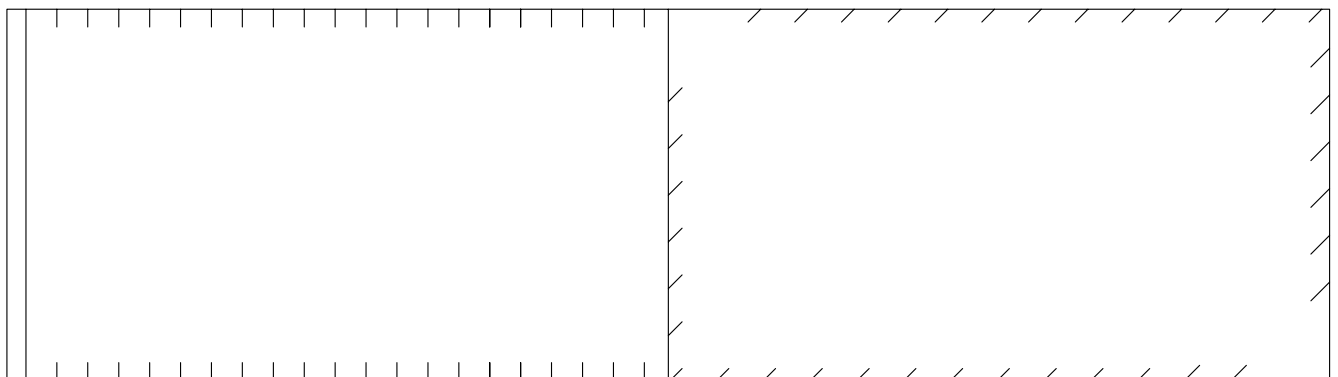
	<i>Título</i> TIPOS DE LINHAS EM DESENHO TÉCNICO	 	<i>Escala</i>
	<i>Aluno :</i> _____ <i>Nº</i> _____	<i>Data :</i> _____	<i>Turma :</i> _____
	<i>Professor: Luiz Carlos Duarte</i>	<i>C.F.P. : 1.01</i>	<i>Ex.nº INI 2</i>
ESCOLA SENAI ROBERTO SIMONSEN			

Execute as linhas de acordo com o padrão solicitado

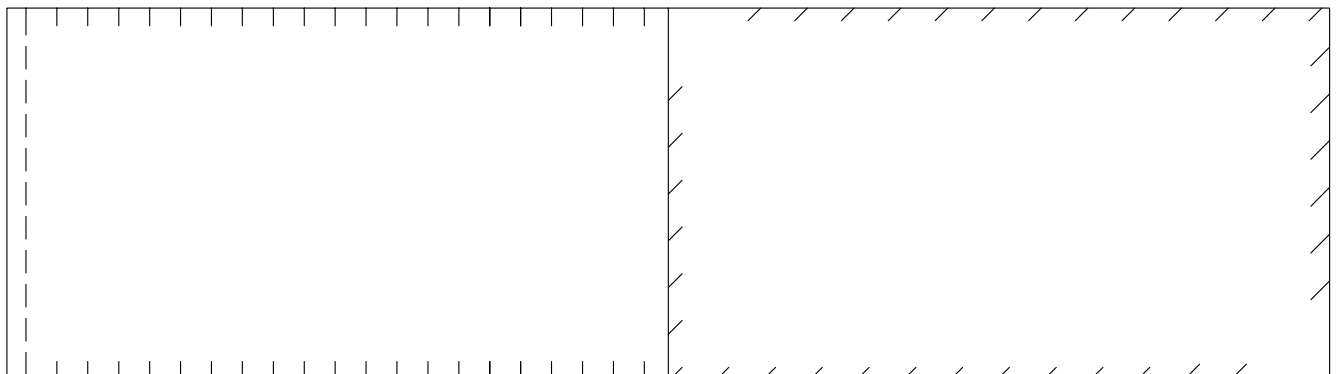
LINHA CONTÍNUA LARGA VERTICAL E INCLINADA A 45°



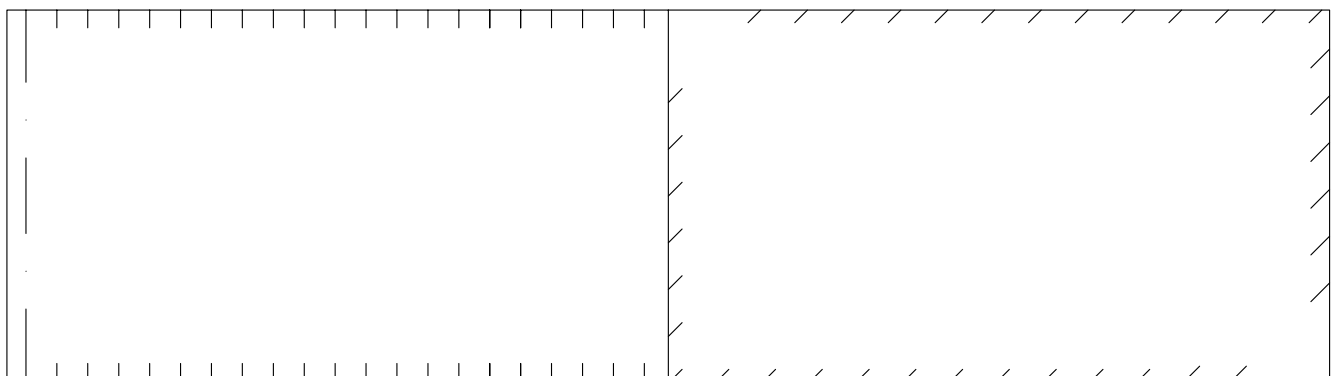
LINHA CONTÍNUA ESTREITA (FINA) VERTICAL E INCLINADA A 45°


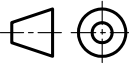


LINHA TRACEJADA FINA VERTICAL E INCLINADA A 45° VERTI

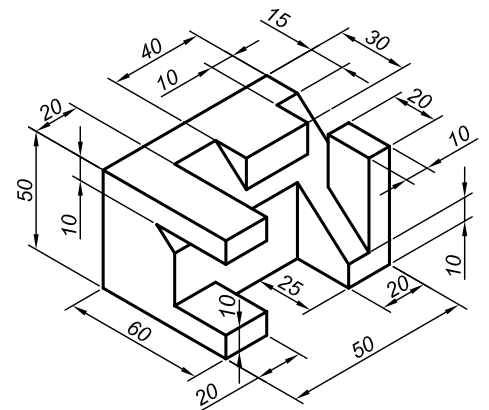
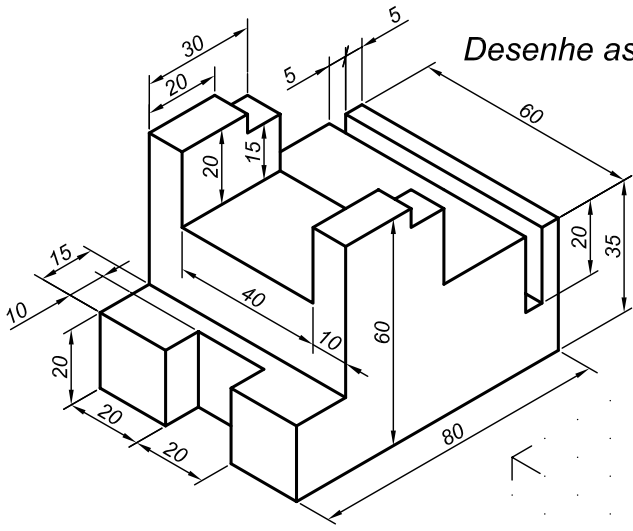



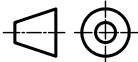
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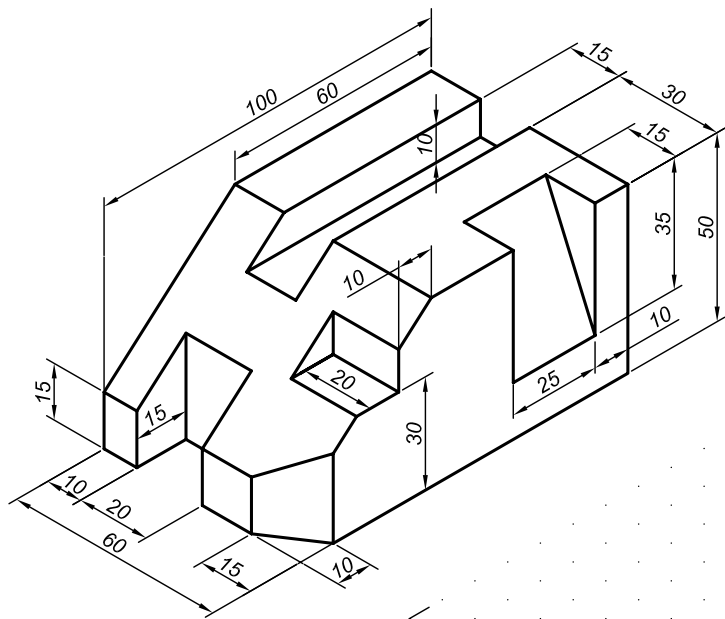
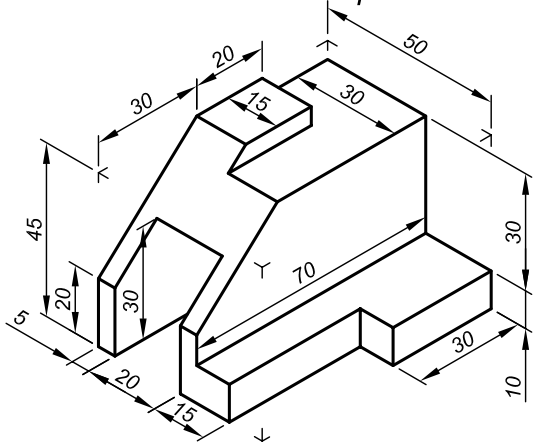
	Título		Escala
	TIPOS DE LINHAS EM DESENHO TÉCNICO		
	Aluno :		Nº
	Professor: Luiz Carlos Duarte	Data :	Turma :
		C.F.P. : 1.01	Ex.nº INI 3
ESCOLA SENAI ROBERTO SIMONSEN			

Desenhe as Perspectivas Isométricas abaixo em escala 1:1. Não cote.

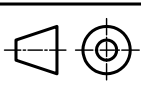


	Título	PERSPECTIVA ISOMÉTRICA			Escala
	Aluno :	Nº	Turma	Data:	Turma :
	Professor: Luiz Carlos Duarte			Curso :	Ex.nº A01
ESCOLA SENAI ROBERTO SIMONSEN					

Desenhe as Perspectivas Isométricas abaixo em escala 1:1. Não cote.



Título **PERSPECTIVA ISOMÉTRICA**



Escala **1:1**

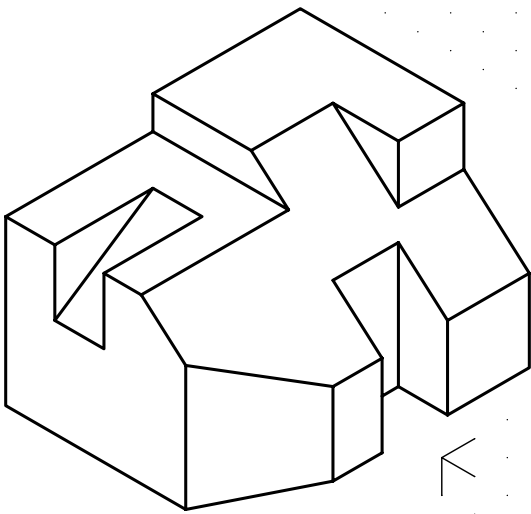
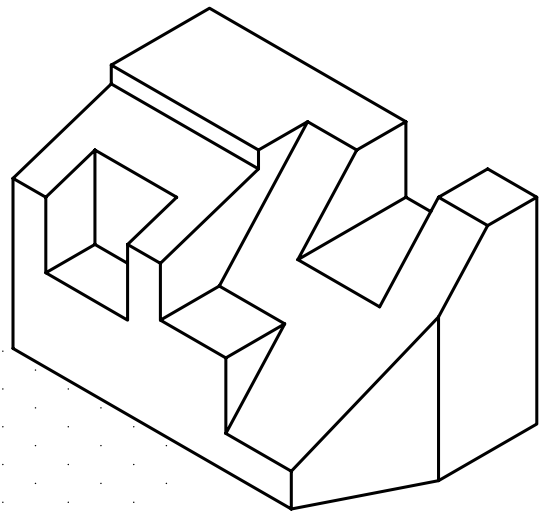
Aluno : Nº Turma

Data: Turma :

Professor: Luiz Carlos Duarte

Curso : Ex.nº A02

ESCOLA SENAI ROBERTO SIMONSEN

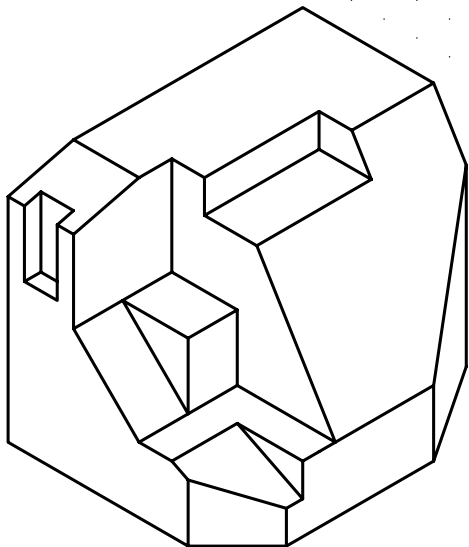
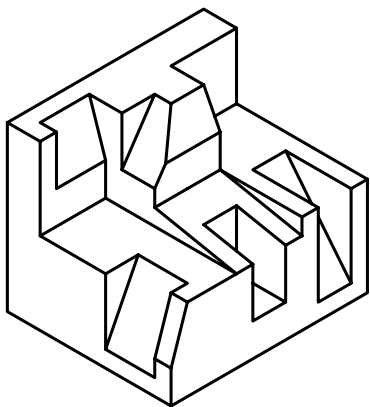


Desenhe as perspectivas isométricas em escala 2:1.

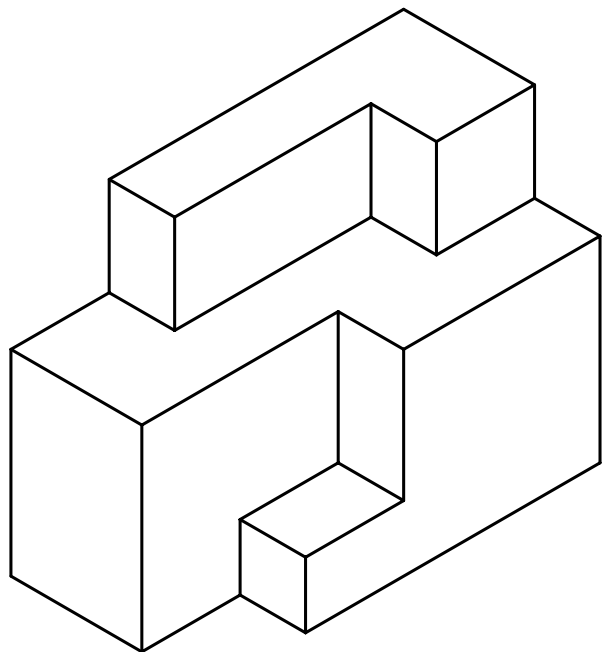
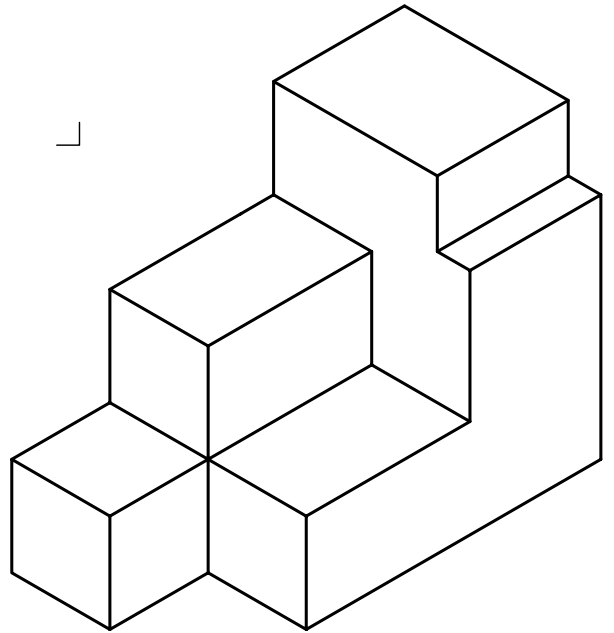
Retire as dimensões do desenho.

EX A03

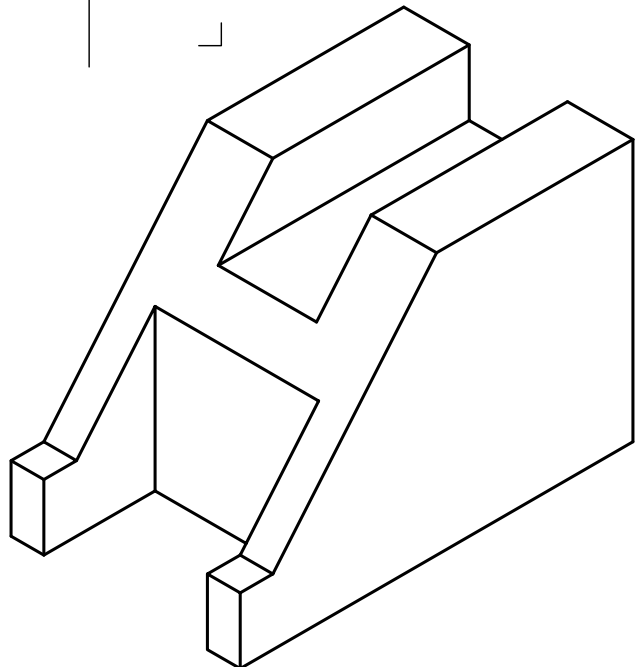
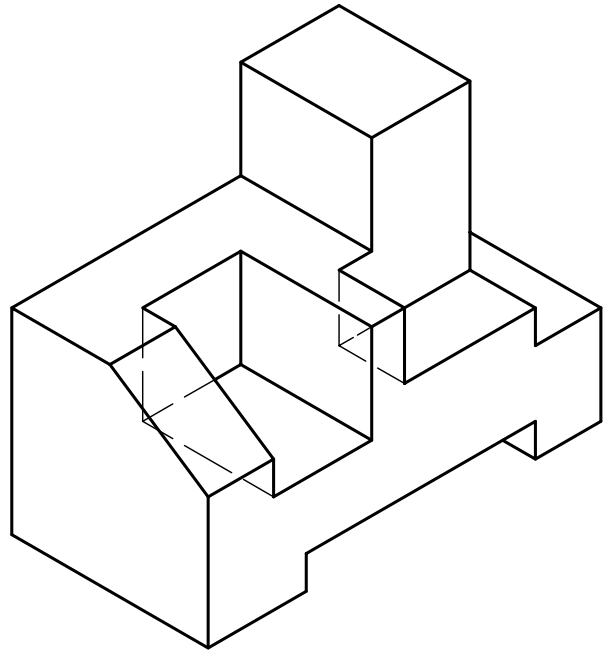
Desenhe as perspectivas isométricas em escala 2:1. Retire as dimensões do desenho.



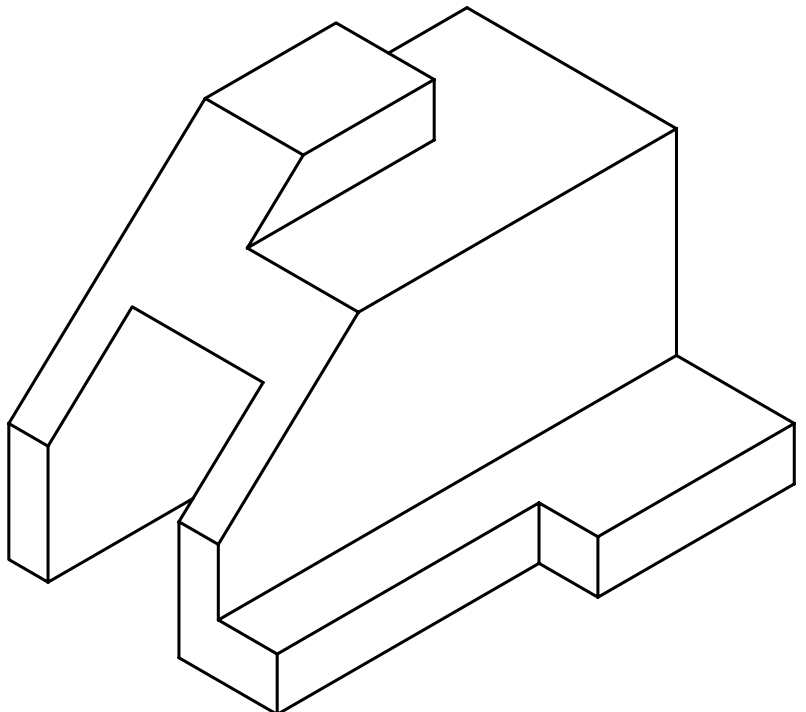
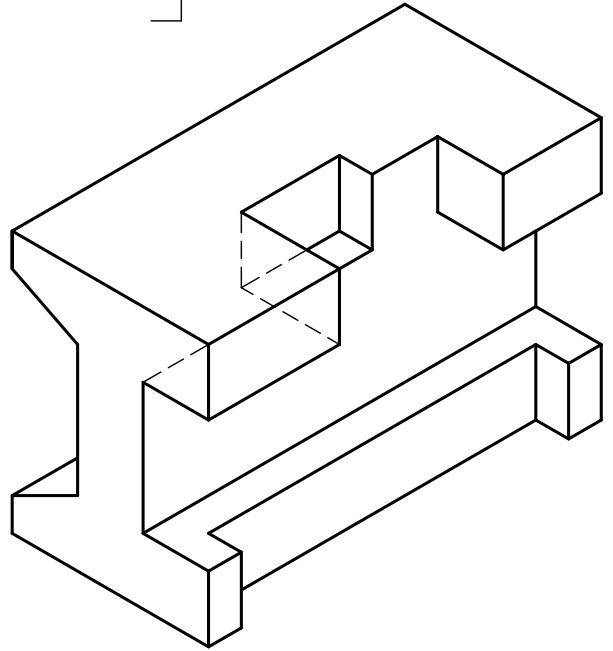
Desenhe as projeções ortogonais de cada peça abaixo retirando as dimensões da perspectiva. Ex. B01



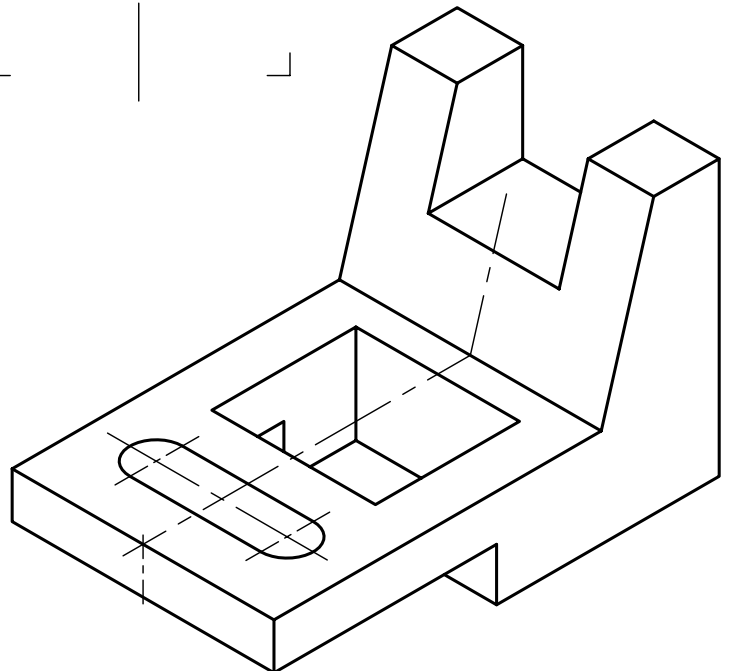
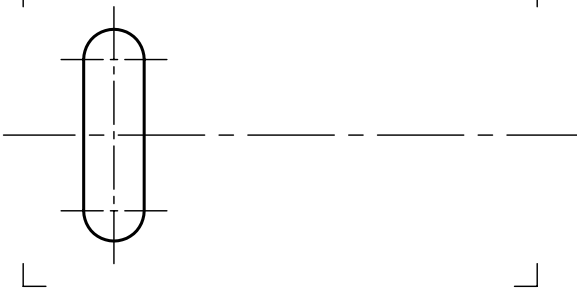
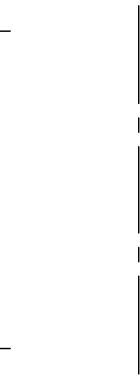
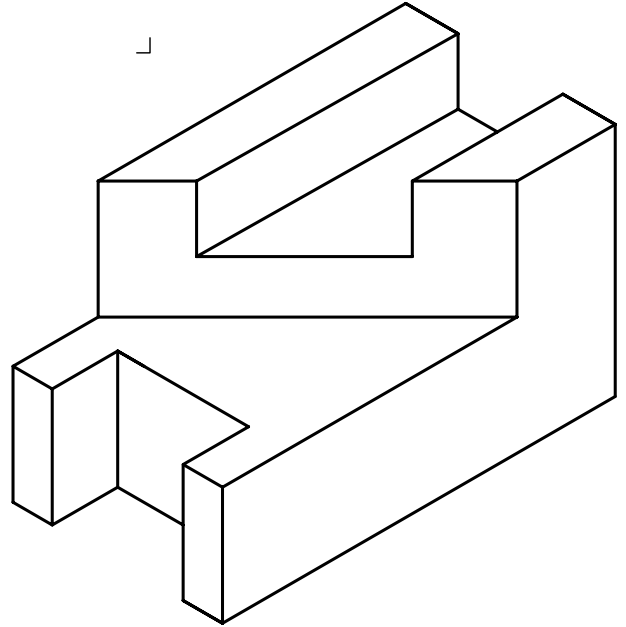
Desenhe as projeções ortogonais de cada peça abaixo retirando as dimensões da perspectiva. Ex. B02



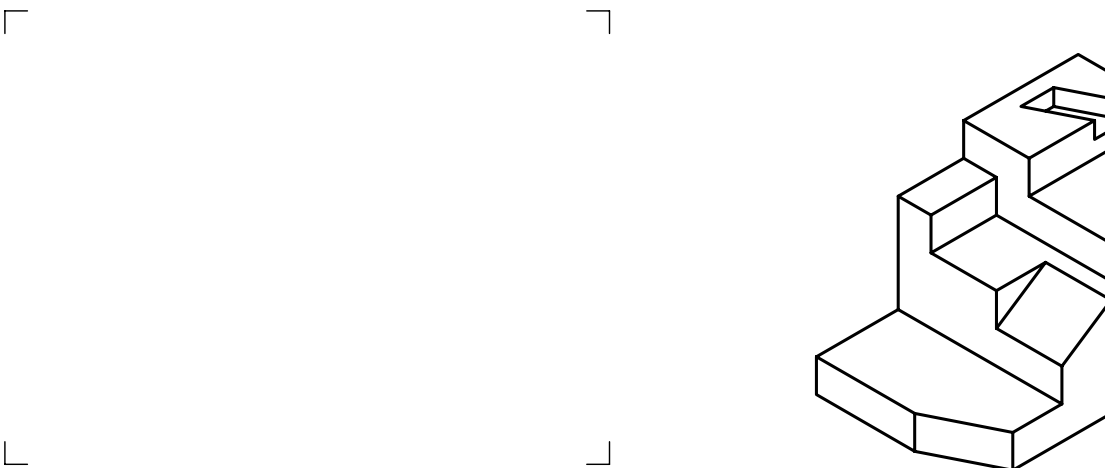
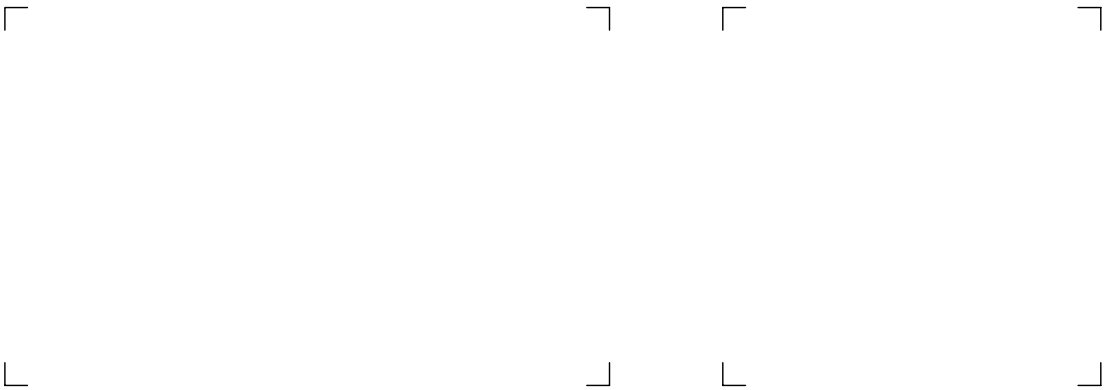
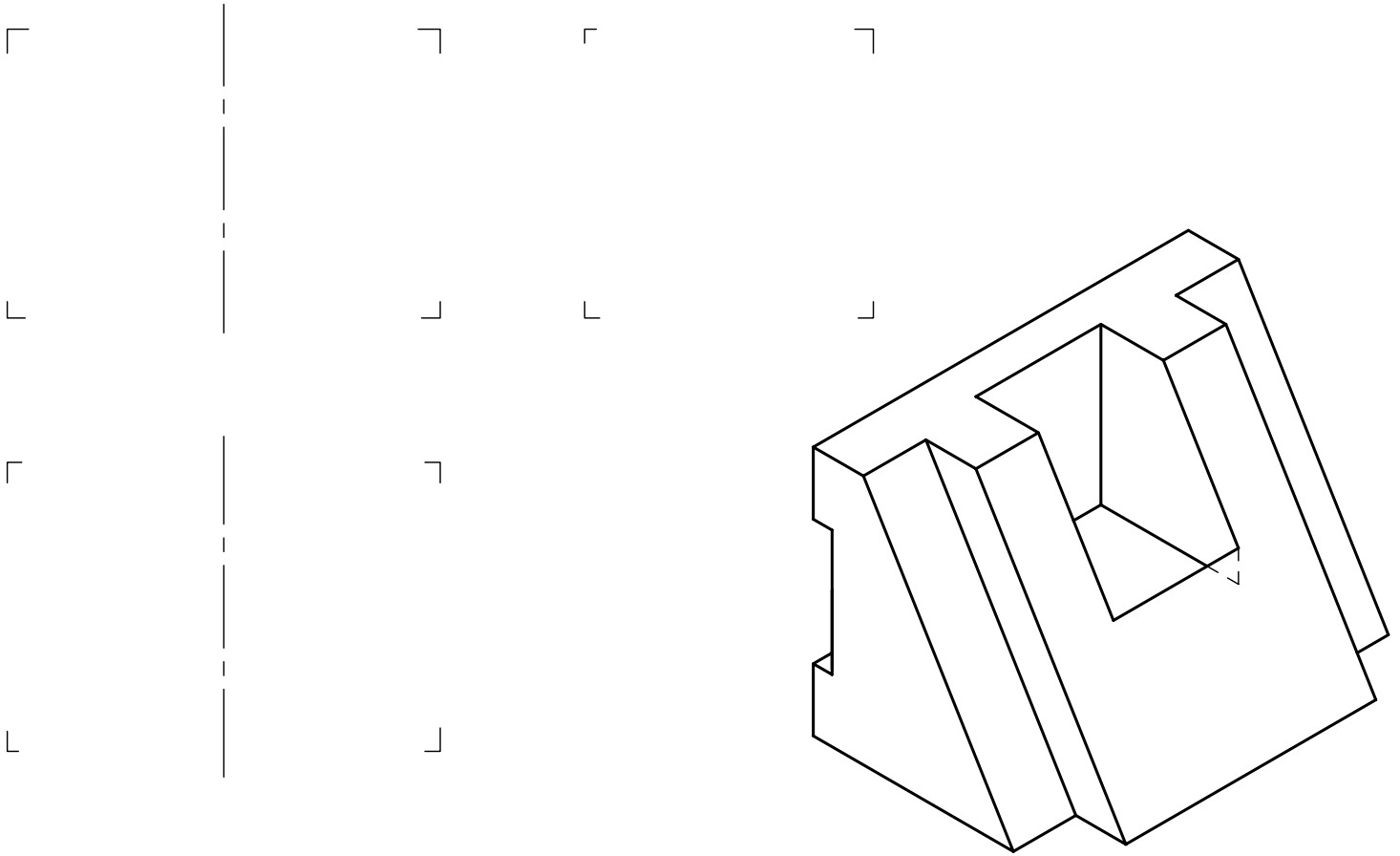
Desenhe as projeções ortogonais de cada peça abaixo retirando as dimensões da perspectiva. Ex. B03



Desenhe as projeções ortogonais de cada peça abaixo retirando as dimensões da perspectiva. Ex. B04



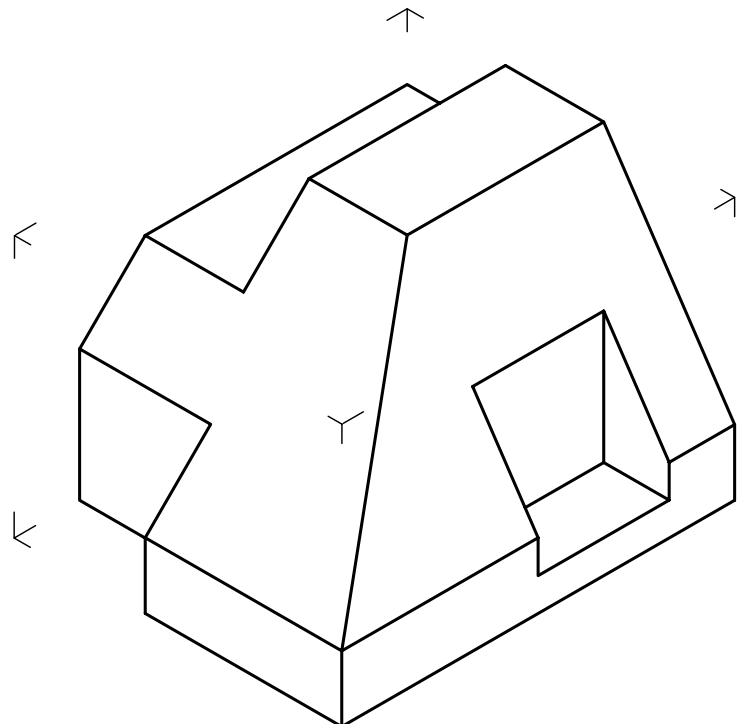
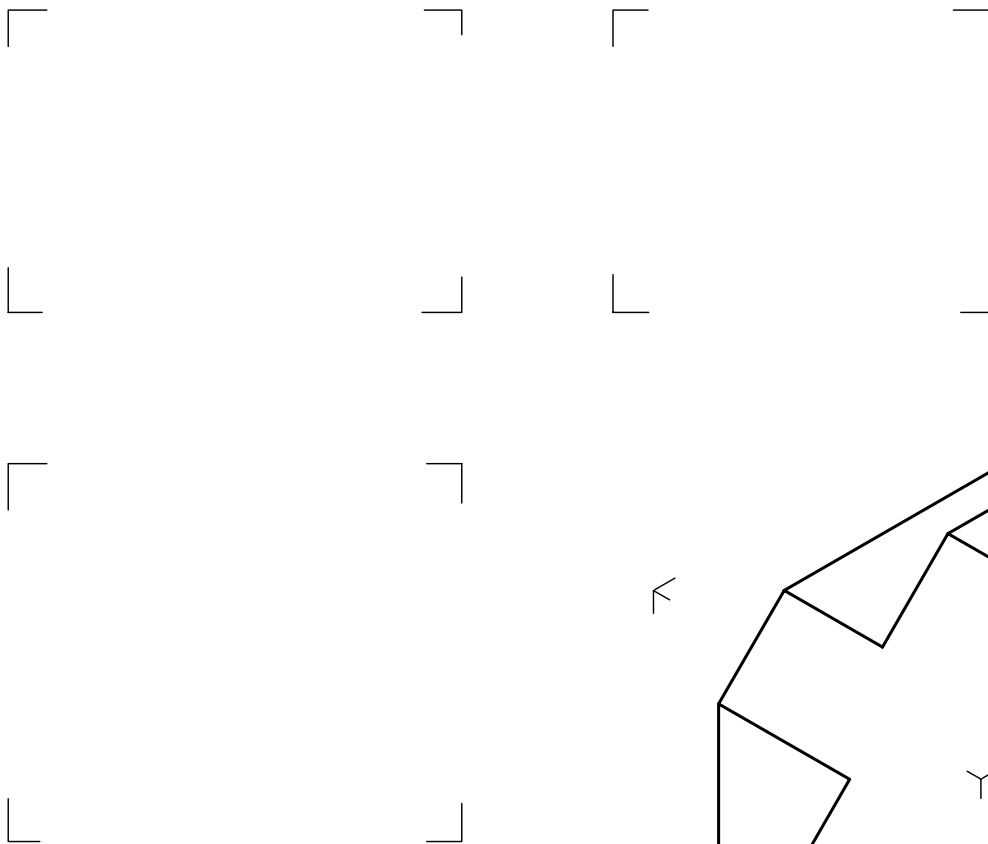
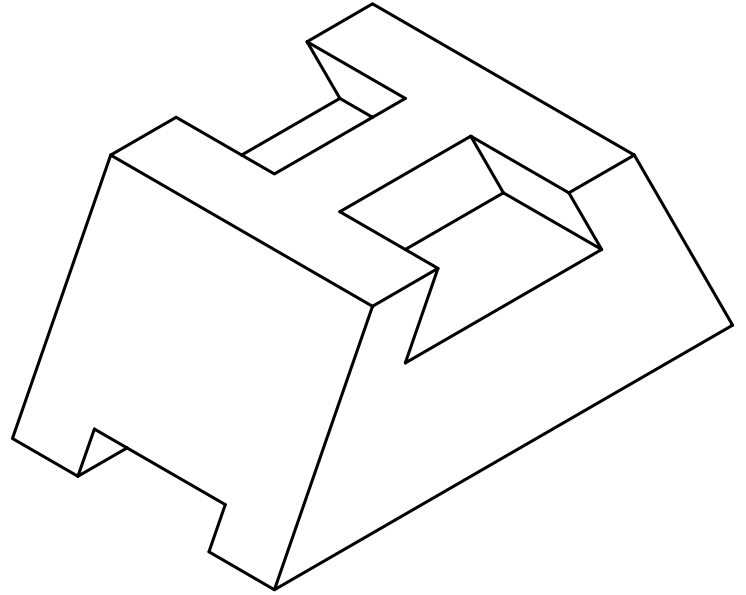
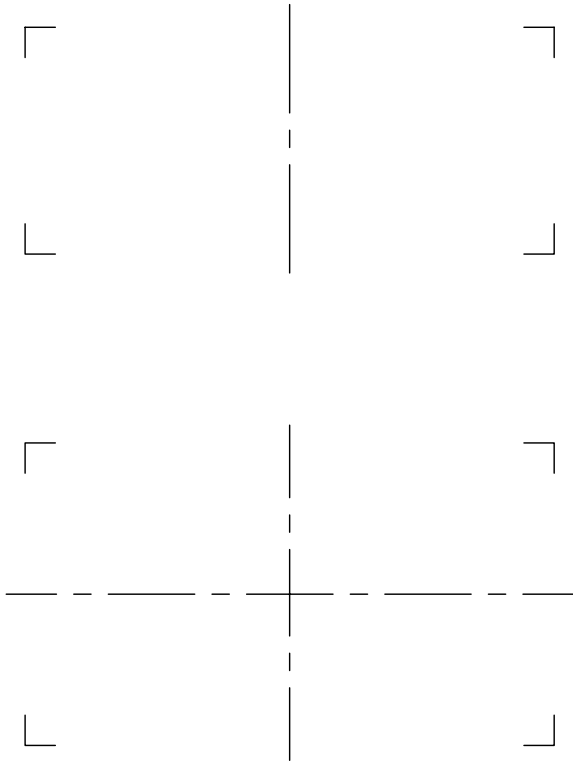
Desenhe as projeções ortogonais de cada peça abaixo retirando as dimensões da perspectiva. Ex. B05



Escala 1:2

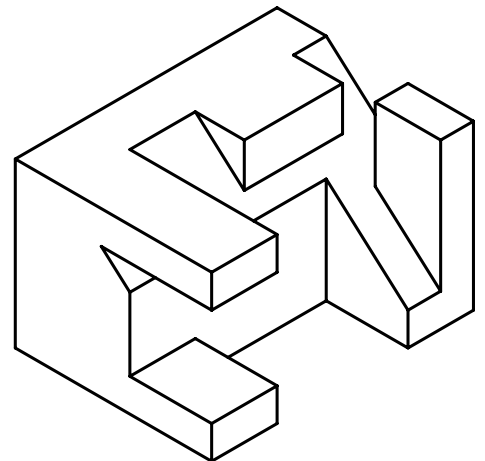
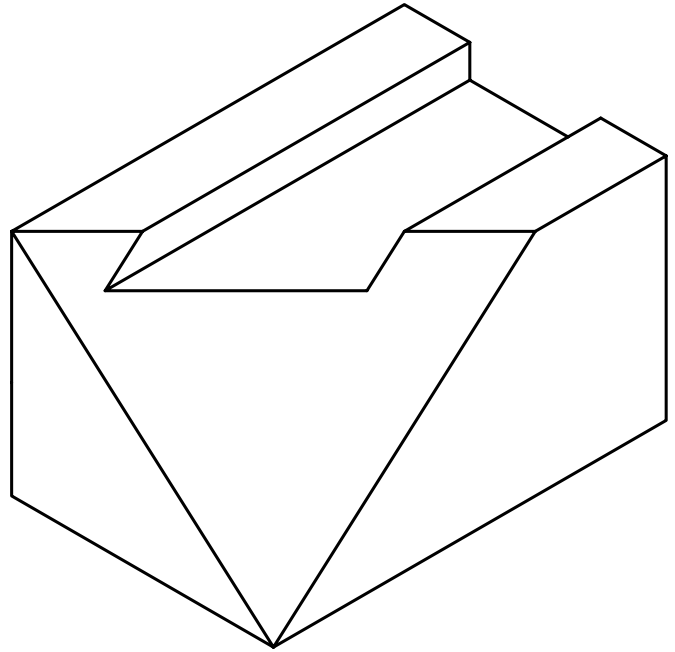
Nome _____ Nº ____ Turma ____ Data _____ Curso _____

Desenhe as projeções ortogonais de cada peça abaixo retirando as dimensões da perspectiva. Ex. C01



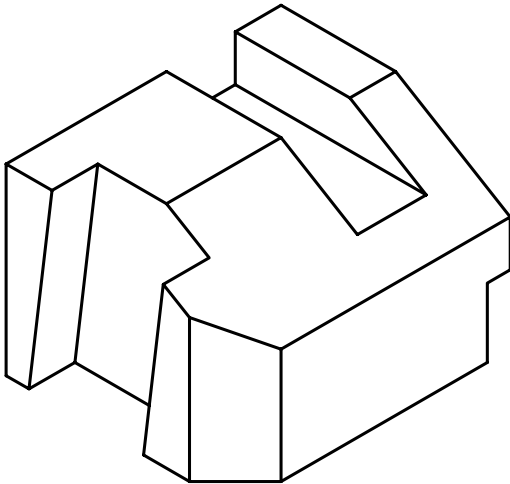
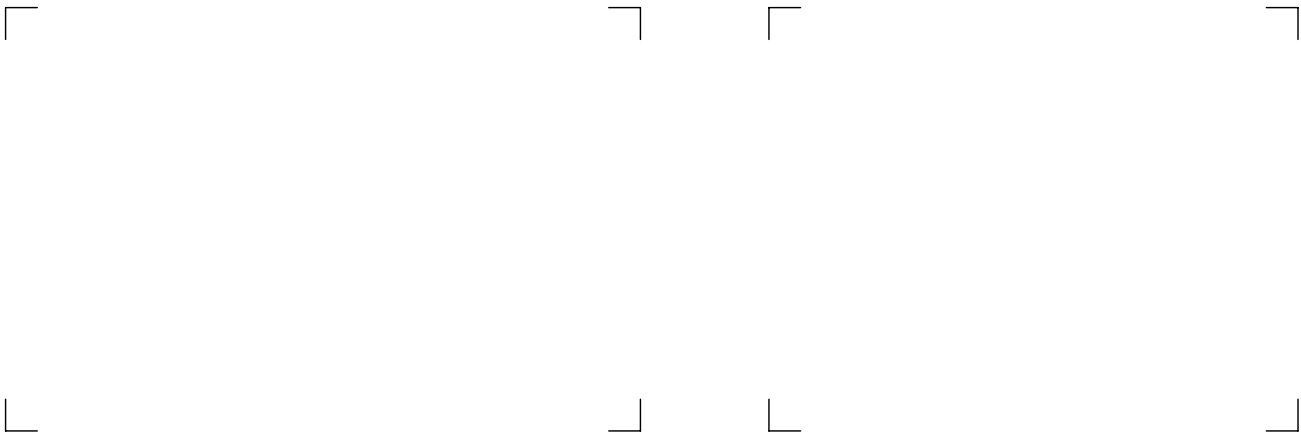
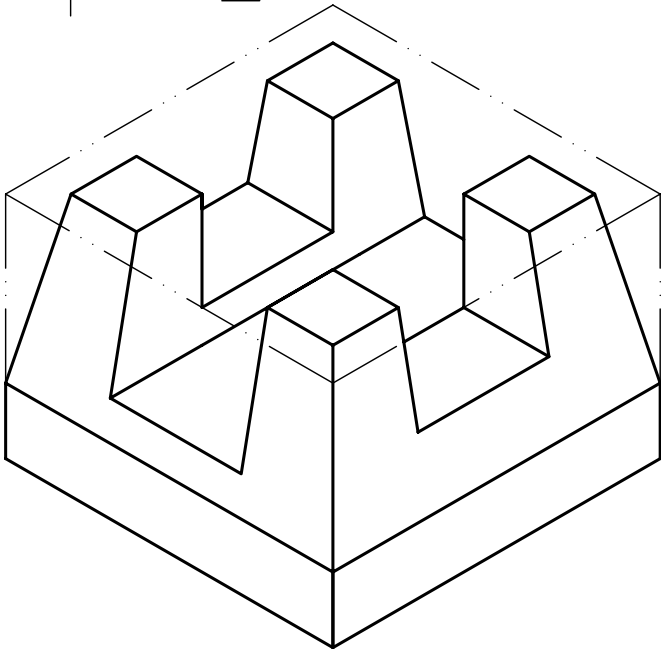
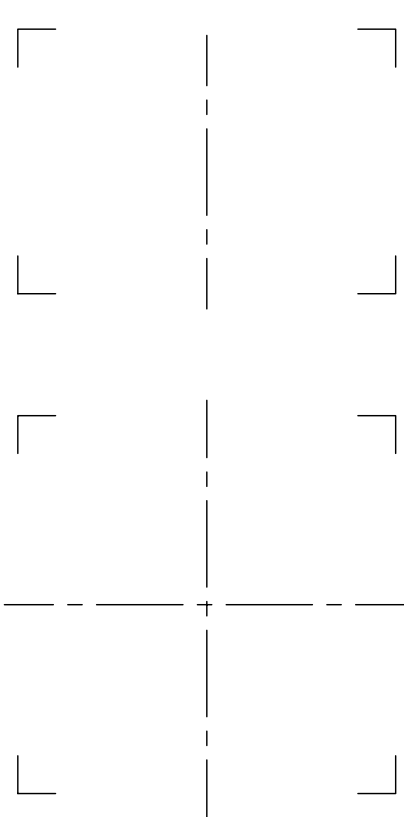
Nome _____ Nº ____ Turma _____ Data _____ Curso _____

Desenhe as projeções ortogonais de cada peça abaixo retirando as dimensões da perspectiva. Ex. C02



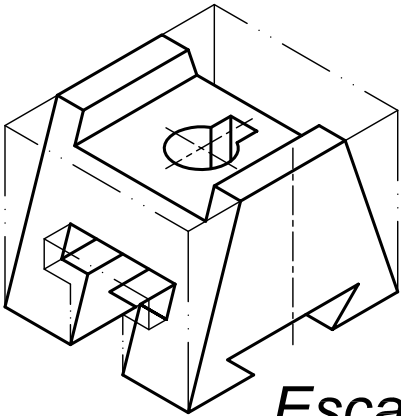
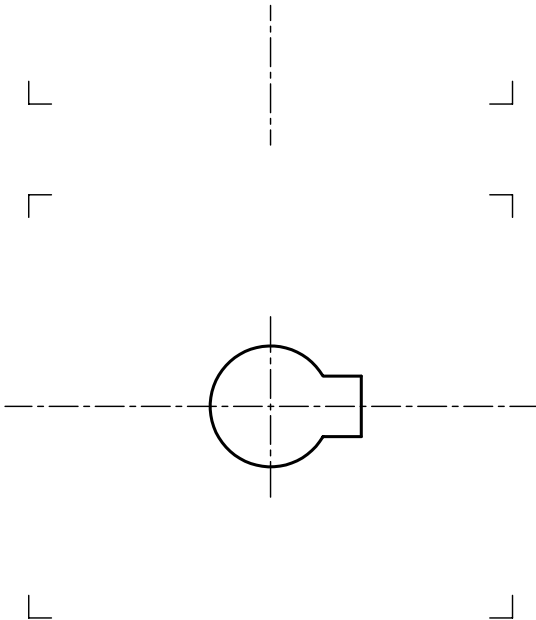
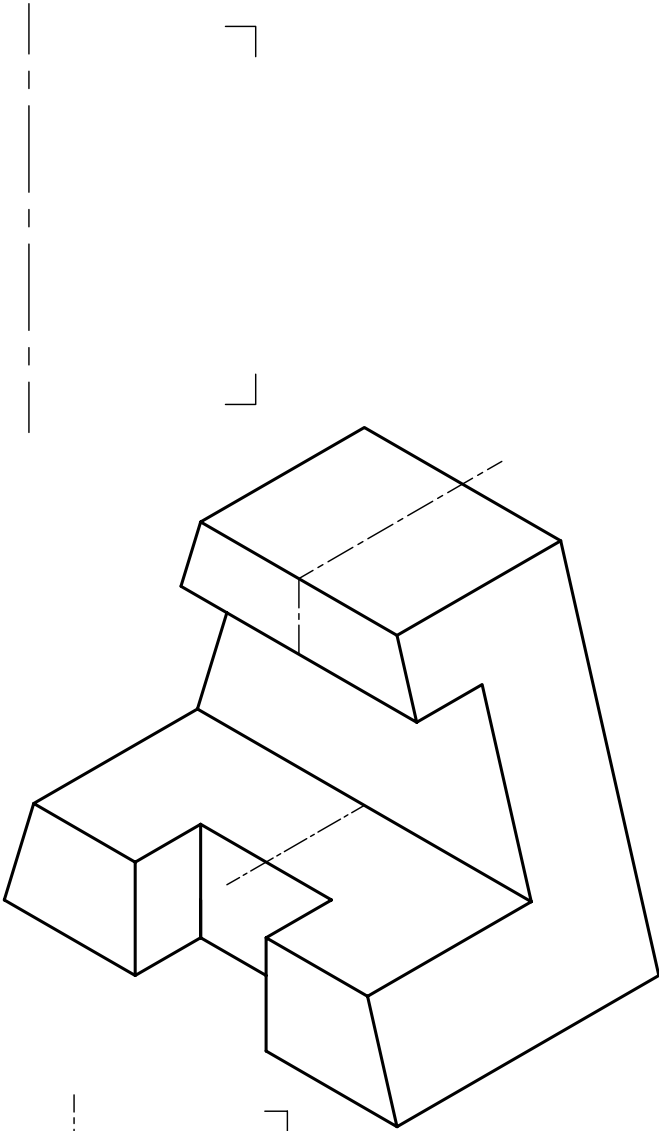
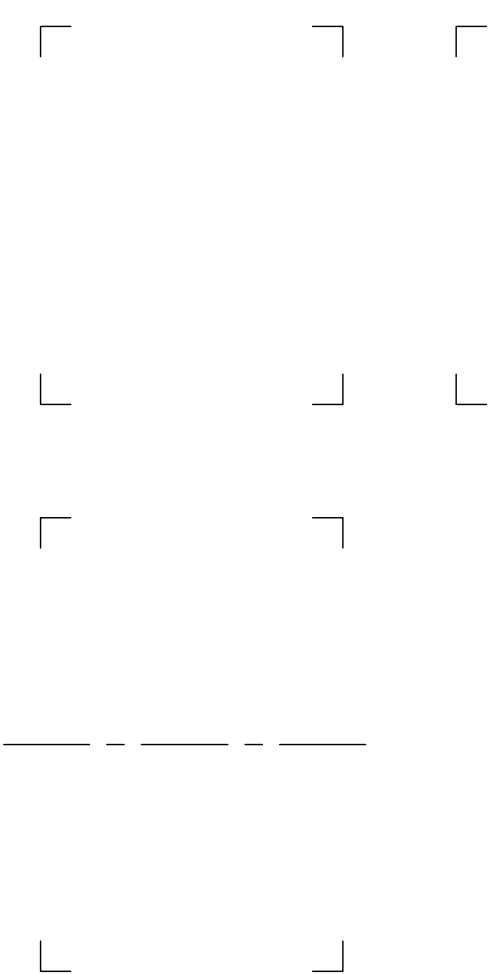
Escala 1:2

Desenhe as projeções ortogonais de cada peça abaixo retirando as dimensões da perspectiva. Ex. C03



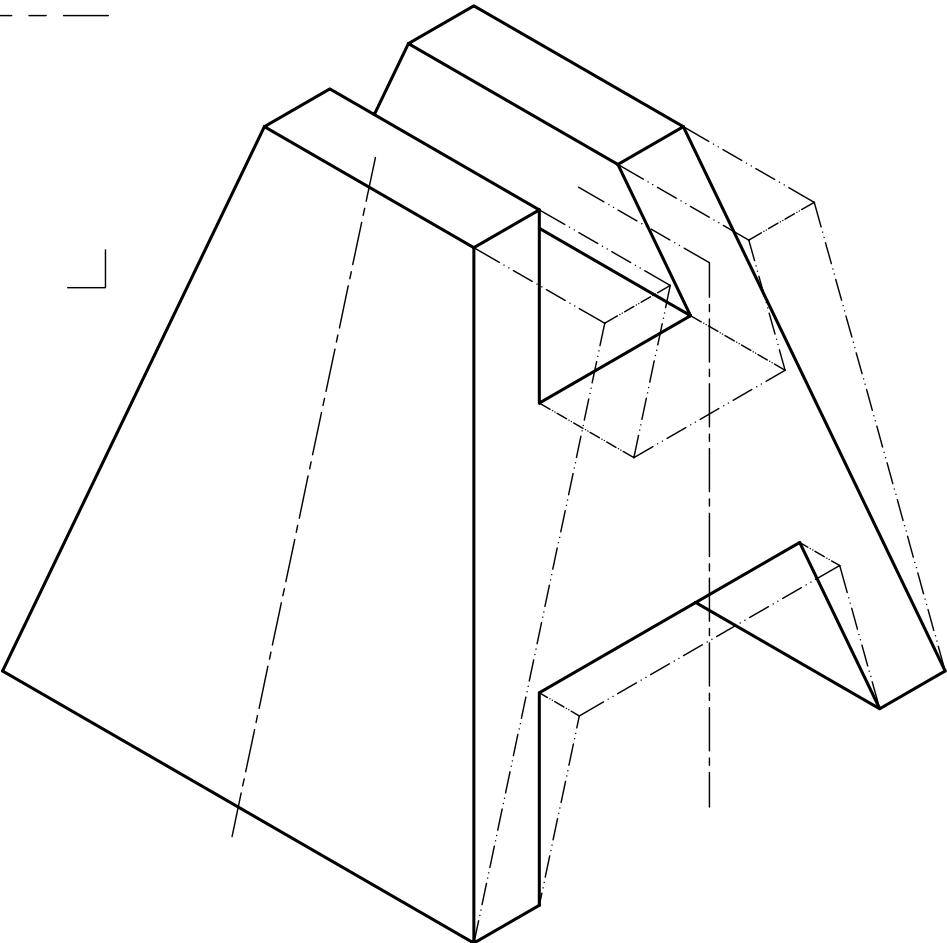
Escala 1:2

Desenhe as projeções ortogonais de cada peça abaixo retirando as dimensões da perspectiva. Ex. C04

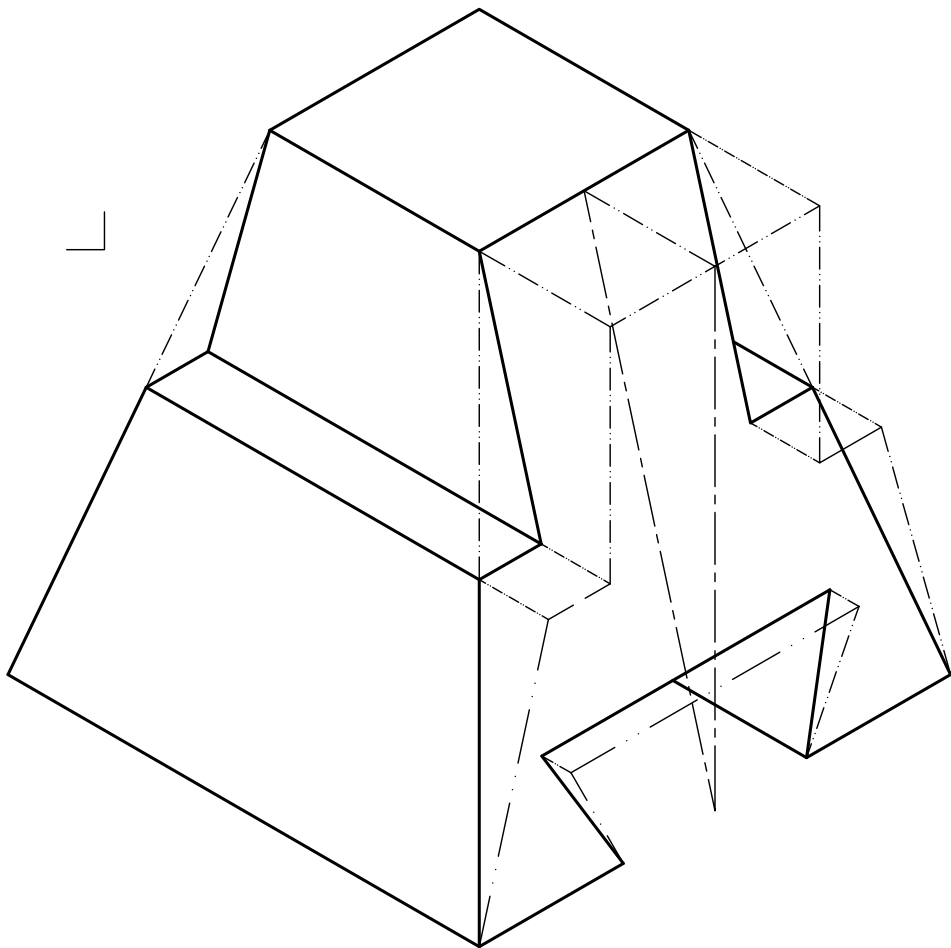


Escala 1:2

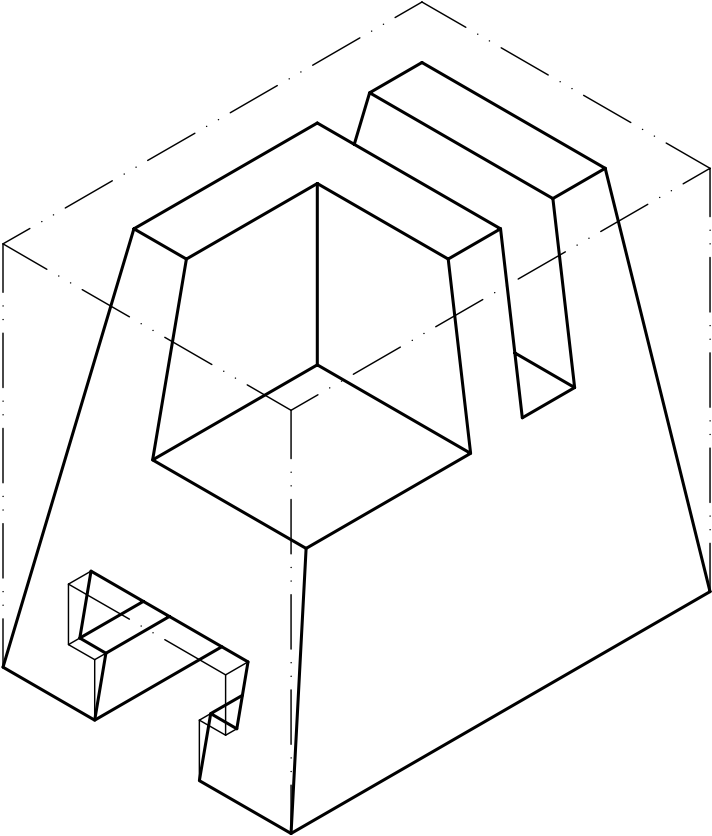
Desenhe as projeções ortogonais da peça abaixo retirando as dimensões da sua perspectiva. Ex. C05



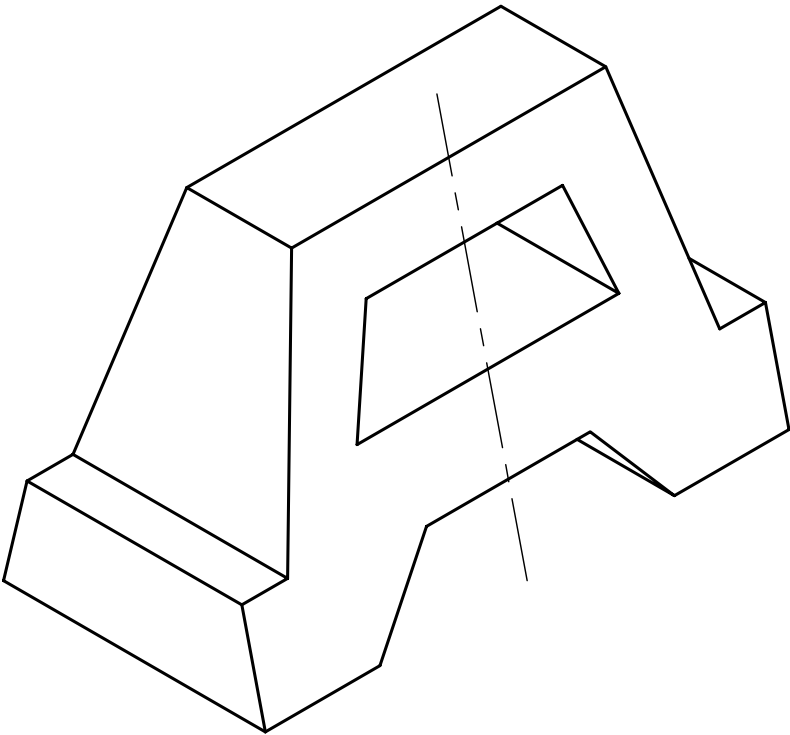
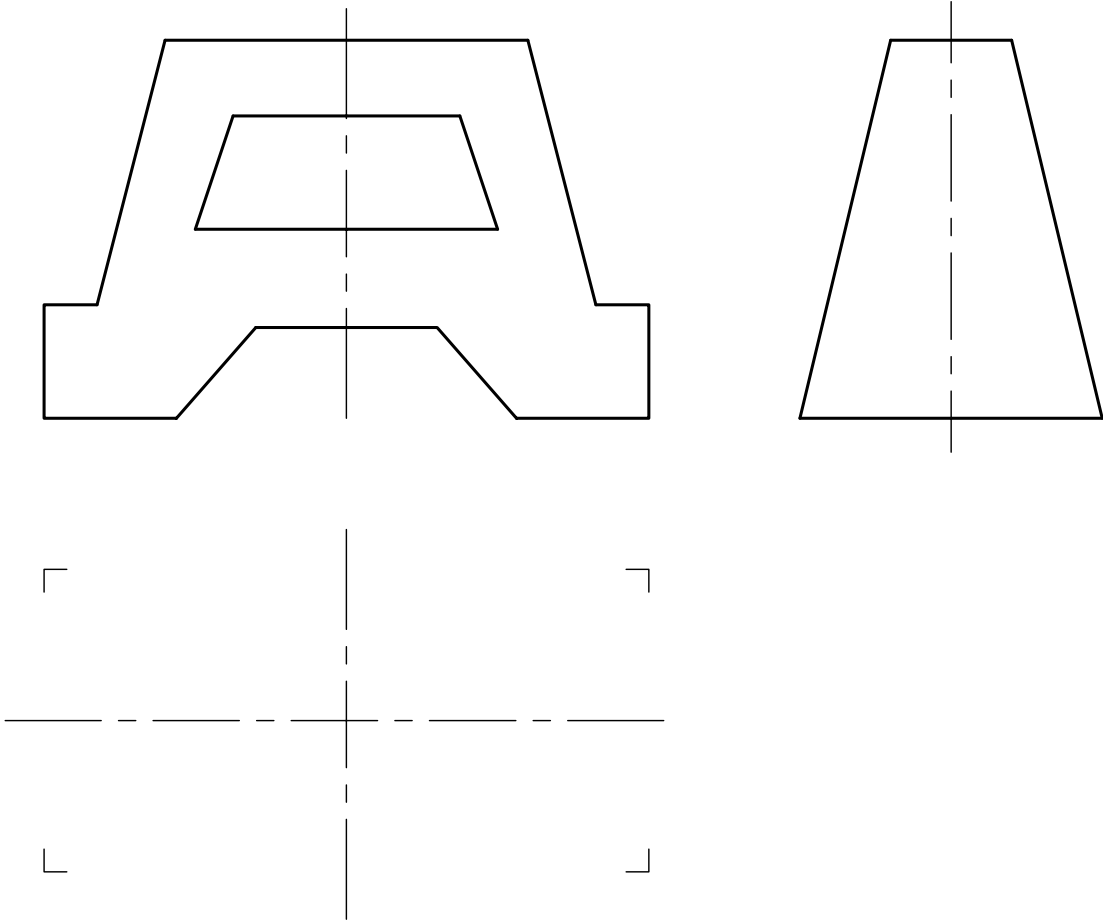
Desenhe as projeções ortogonais da peça abaixo retirando as dimensões da perspectiva. Ex. C06



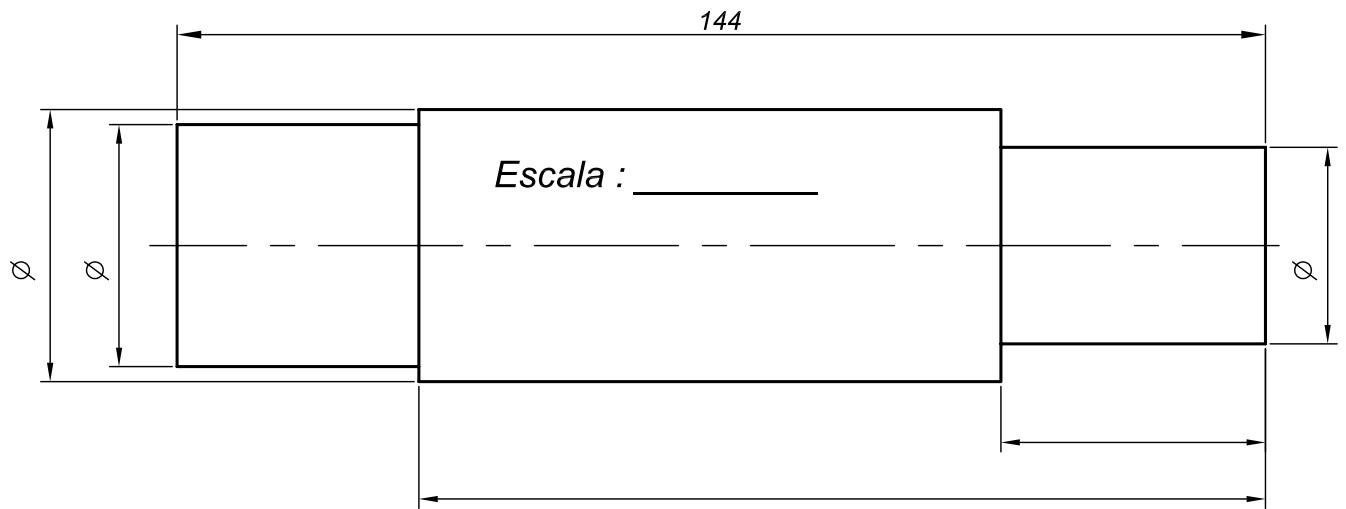
Desenhe as projeções ortogonais da peça abaixo retirando as dimensões da perspectiva. Ex. C07



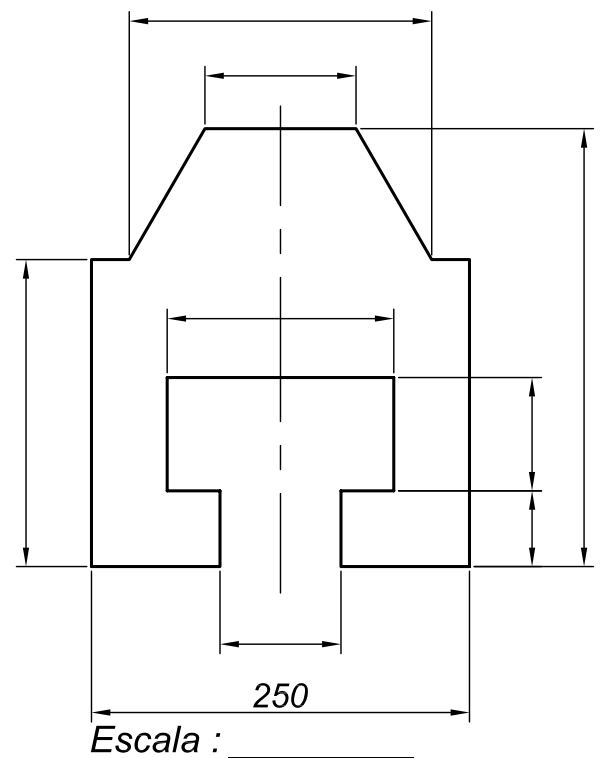
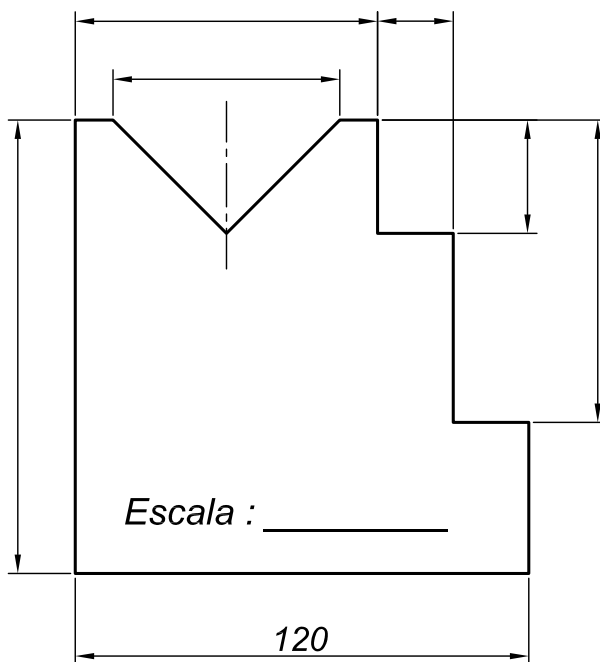
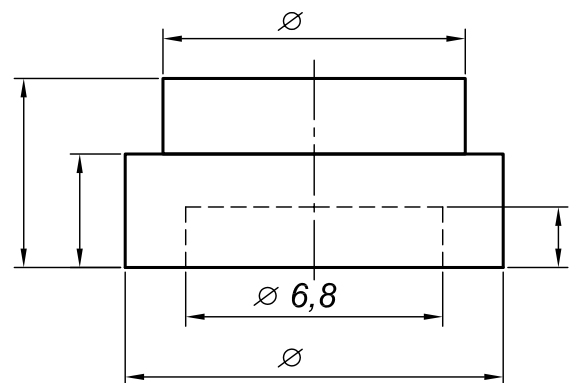
Complete as projeções ortogonais da peça abaixo retirando as dimensões da perspectiva. Ex. C08




Determine a escala de cada desenho abaixo efetuando a comparação com a cota dada e preencha as demais cotas faltantes em seguida.



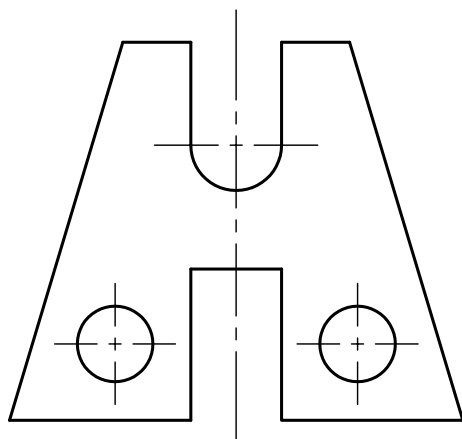
Escala : _____



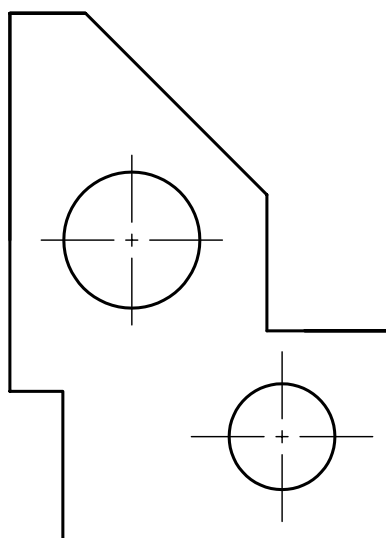
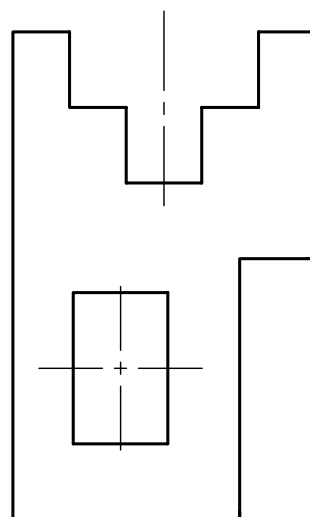
<div>SENAI</div> <div>São Paulo</div>	<div>Título</div> <div>COTAGEM EM ESCALA</div>	<div></div>	<div>Escala</div>
	<div>Aluno :</div> <div>Nº</div>	<div>Data :</div>	<div>Turma : 1</div>
	<div>Professor: Luiz Carlos Duarte</div>	<div>C.F.P. : 1.01</div>	<div>Ex.nº D 00</div>
<div>ESCOLA SENAI ROBERTO SIMONSEN</div>			

Cote as figuras abaixo considerando a escala indicada.


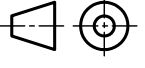
Escala 1:1



Escala 2:1

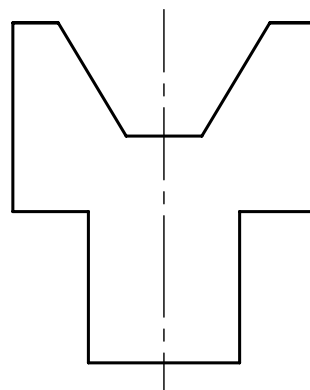
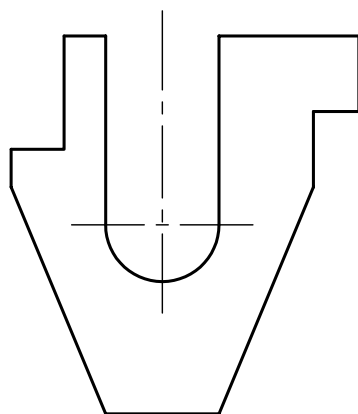
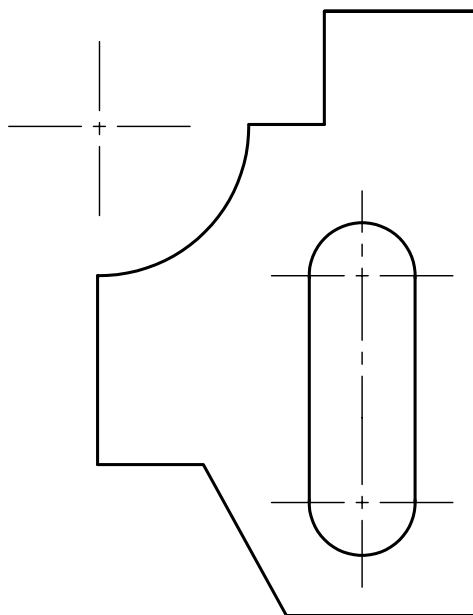


Escala 1:10

 São Paulo	Título	PROJEÇÕES ORTOGONAIS		Escala
	Aluno :	Nº	Data :	Turma :
	Professor: Luiz Carlos Duarte		C.F.P. : 1.01	Ex.nº D 01
ESCOLA SENAI ROBERTO SIMONSEN				

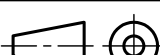
Cote as figuras abaixo considerando a escala indicada.

Escala 1:20

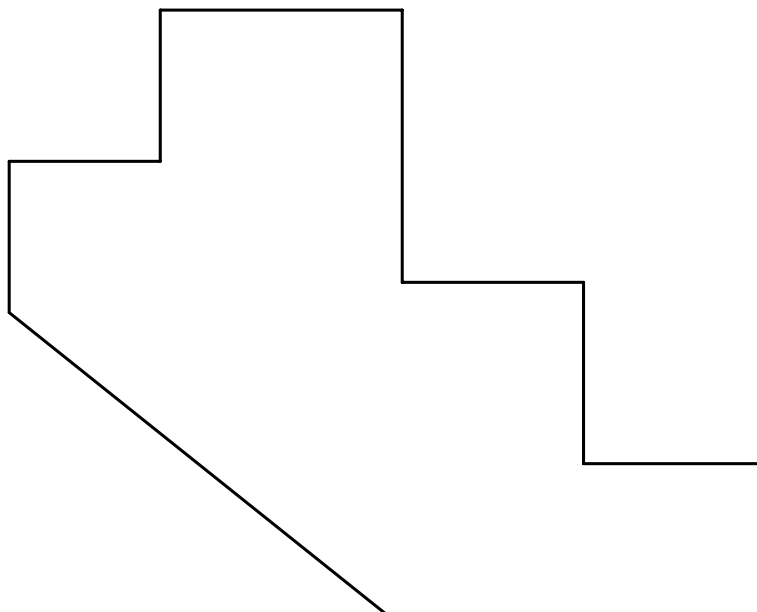


Escala 10:1

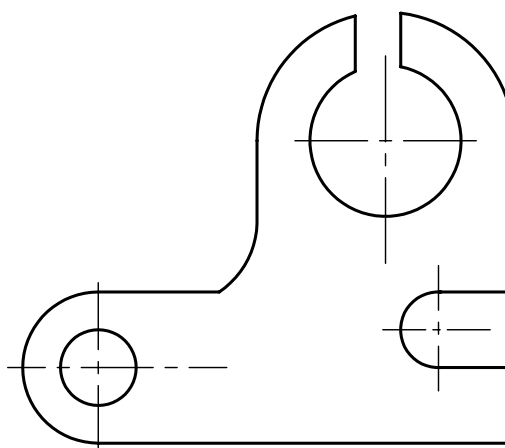
Escala 5:1

<div><div>SENAI</div><div>São Paulo</div></div>	<div>Título</div> <div>COTAGEM</div>	<div></div>	<div>Escala</div>
	<div>Aluno :</div> <div>Nº</div>	<div>Data :</div>	<div>Turma : 1</div>
	<div>Professor: Luiz Carlos Duarte</div>	<div>C.F.P. : 1.01</div>	<div>Ex.nº D 02</div>
<div>ESCOLA SENAI ROBERTO SIMONSEN</div>			

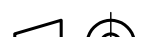
Cote as figuras abaixo considerando a escala indicada.



Escala 1:5

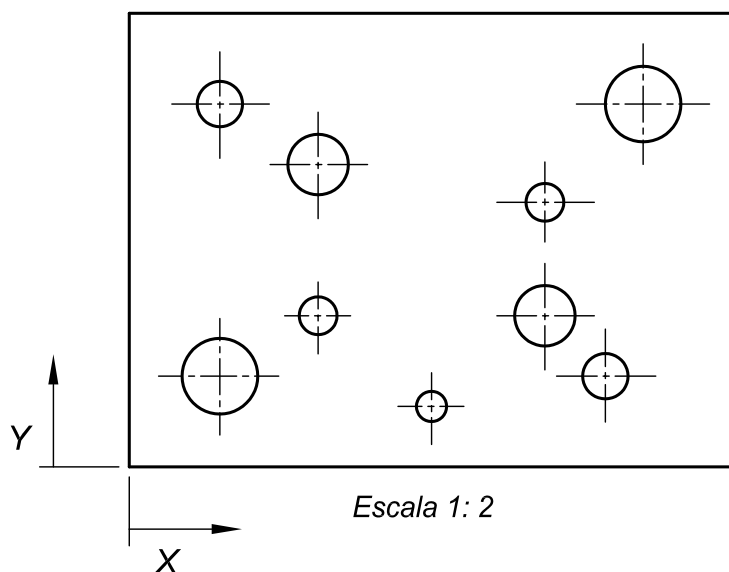


Escala 2:1

<div><div></div><div>SENAI</div><div></div></div> <div>São Paulo</div>	<div>Título</div> <div>COTAGEM</div>	<div></div>	<div>Escala</div>
	<div>Aluno :</div> <div>Nº</div>	<div>Data :</div>	<div>Turma :</div>
	<div>Professor: Luiz Carlos Duarte</div>	<div>C.F.P. : 1.01</div>	<div>Ex.nº D 03</div>
<div>ESCOLA SENAI ROBERTO SIMONSEN</div>			

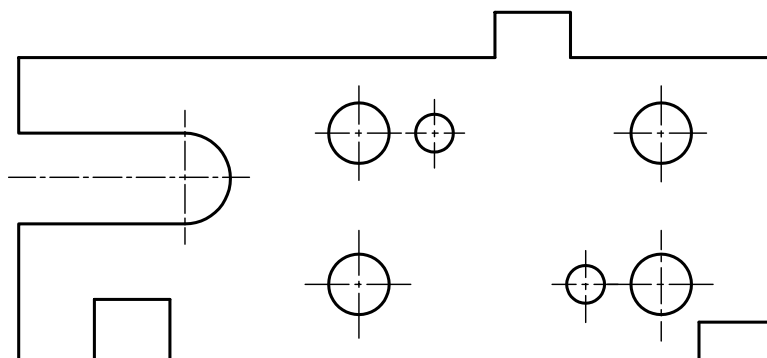
Cote cada figura observando o sistema de cotação e a escala.

a) Cotação por Coordenadas (Furação)



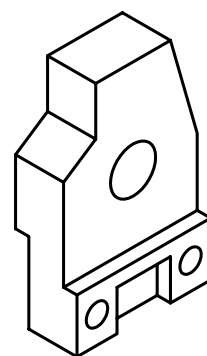
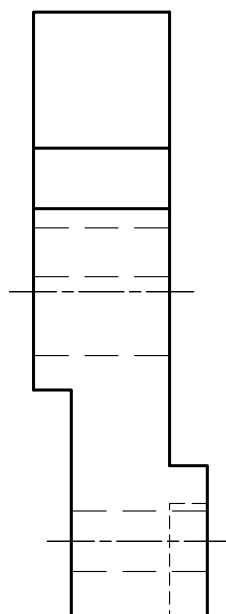
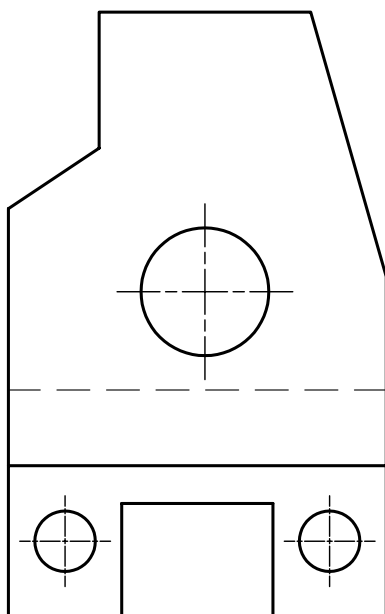
Nº	X	Y	Ø
1			
2			
3			
4			
5			
6			
7			
8			
9			

b) Cotação por Faces de Referência
Escala 1:5

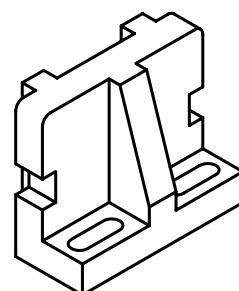
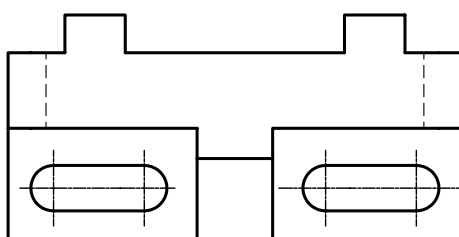
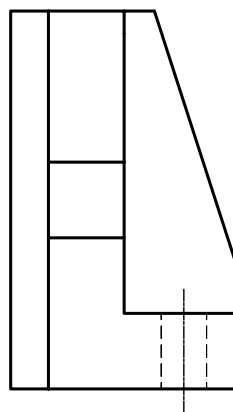
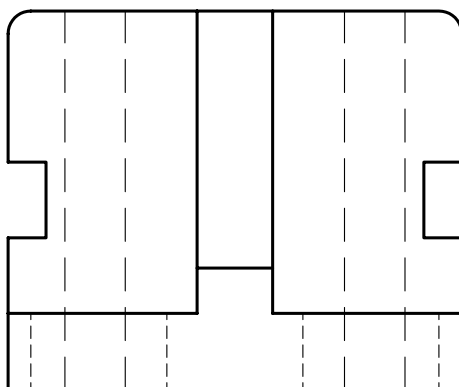


<p>SENAI</p> <p>São Paulo</p>	Título	SISTEMAS DE COTAGEM		Escala
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2:1



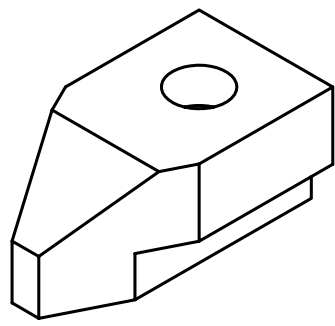
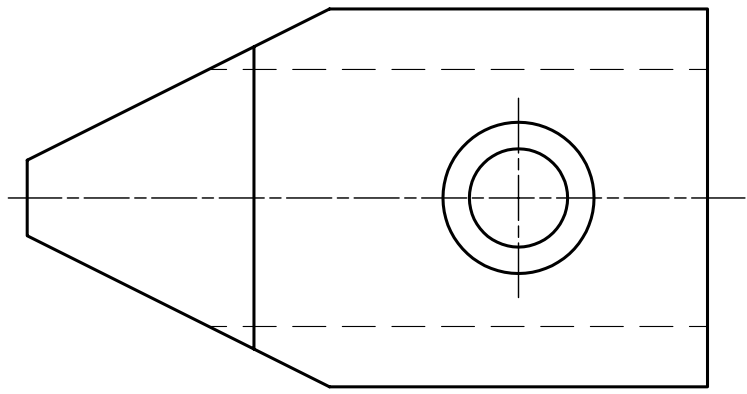
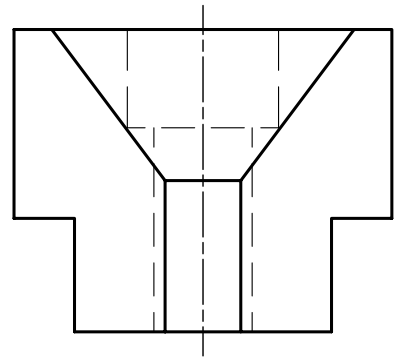
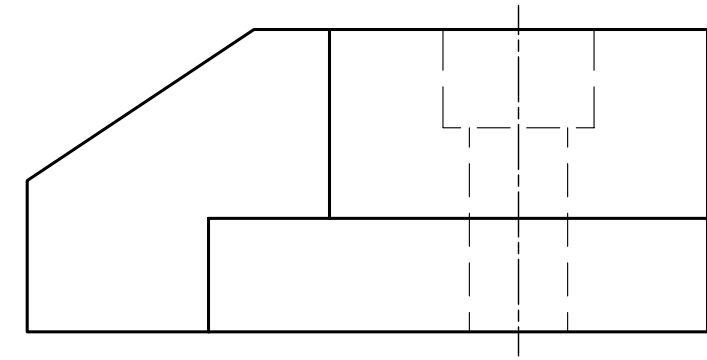
1:5



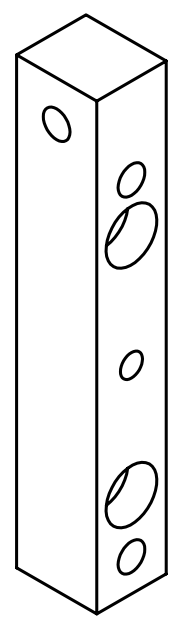
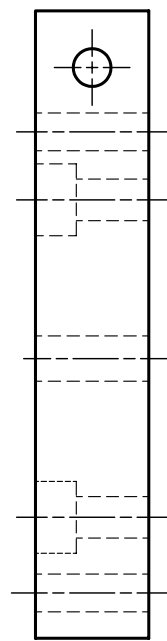
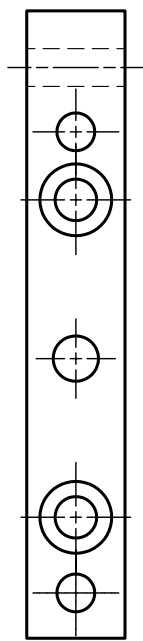
Cote as vistas das peças acima considerando a escala indicada.(D05)

Nome _____ nº _____ Turma _____

1:2



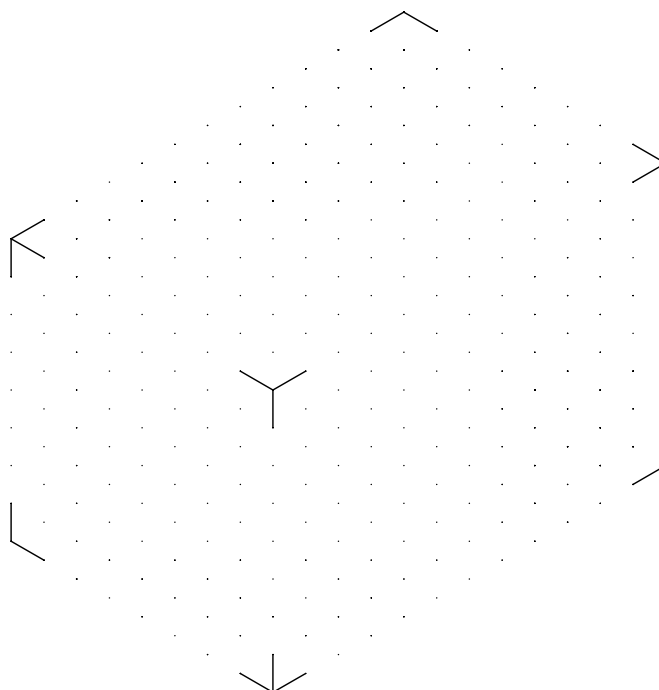
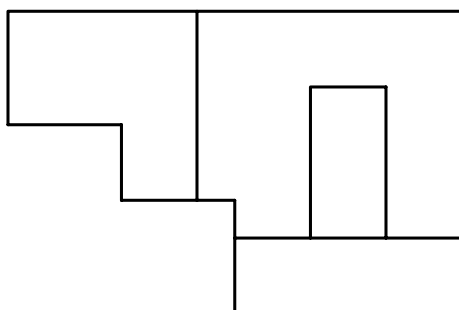
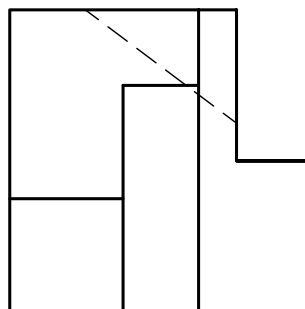
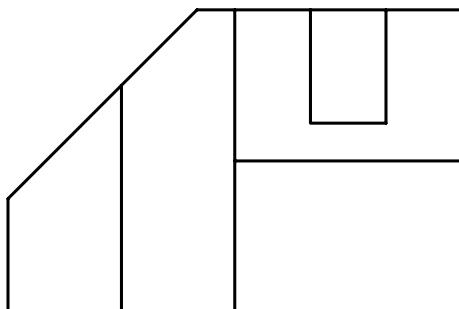
1:1


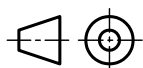


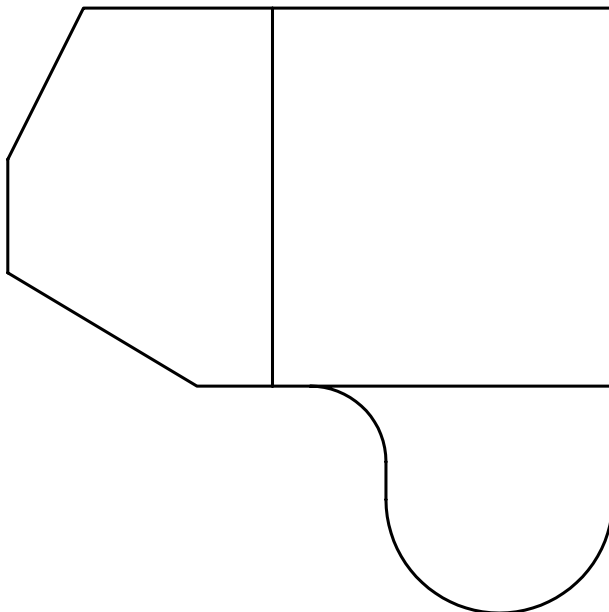
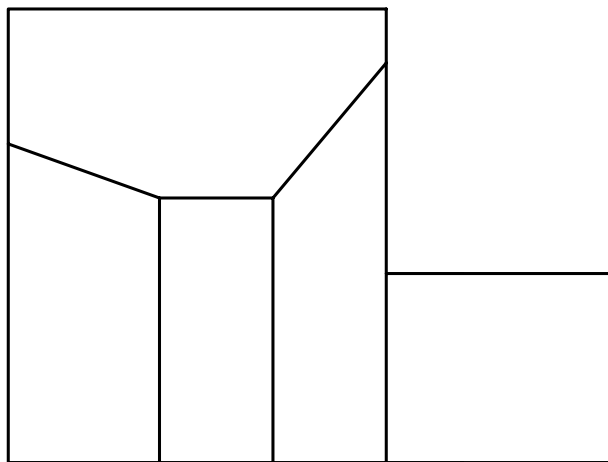
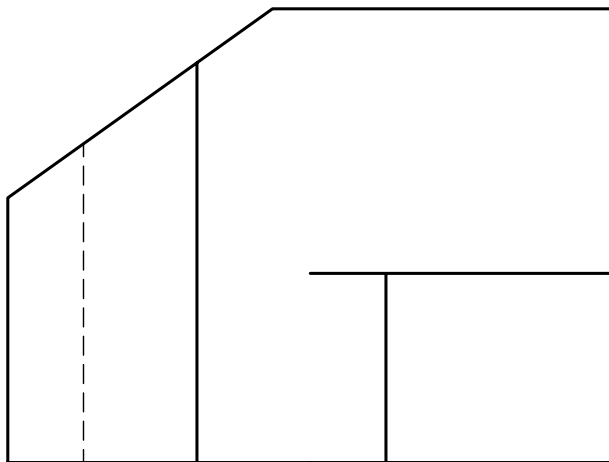
Cote as vistas das peças acima considerando a escala indicada.(D06)

Nome _____ nº _____ Turma _____

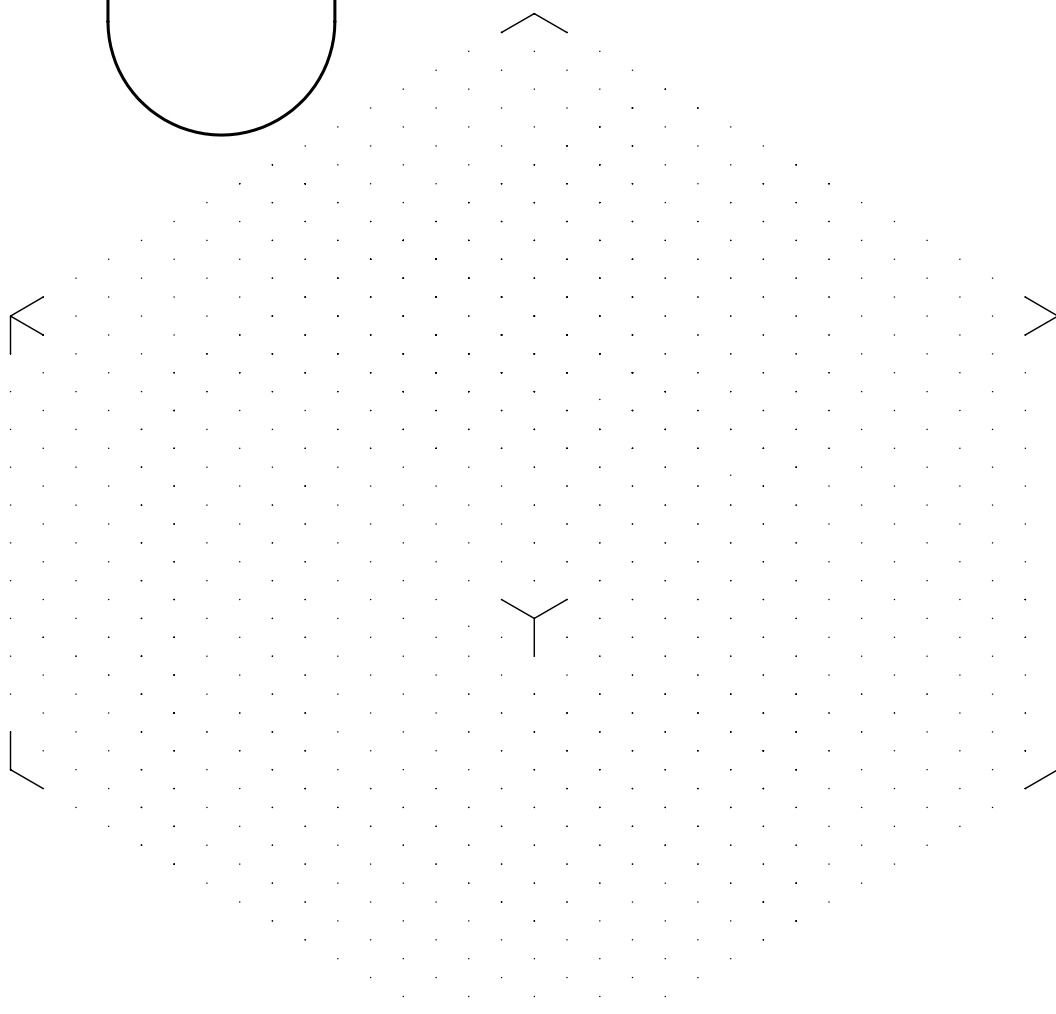
Baseando-se nas projeções, desenhe a sua perspectiva isométrica em escala 1:1.



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Desenhe a perspectiva isométrica da peça representada por suas projeções em escala 1:1. Retire as dimensões das vistas.



Nome

Nº

Turma

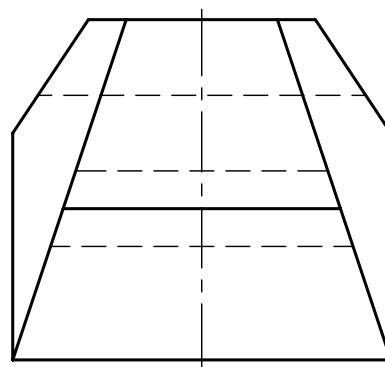
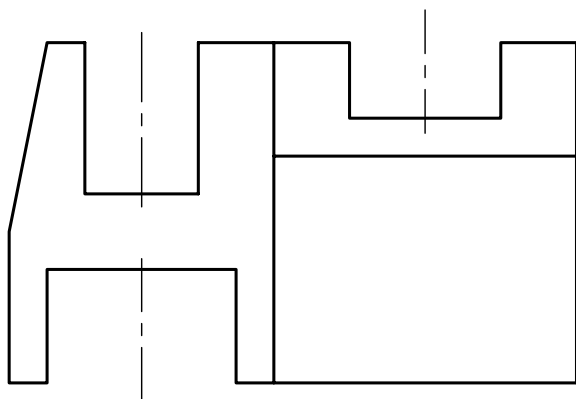
Ex nº E02

ESCOLA

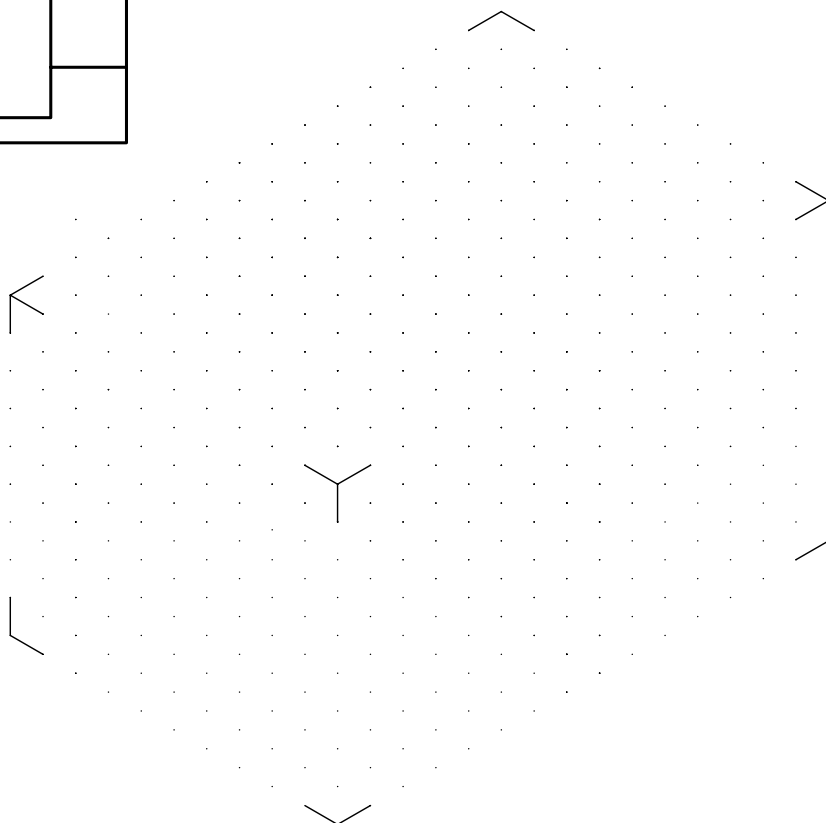
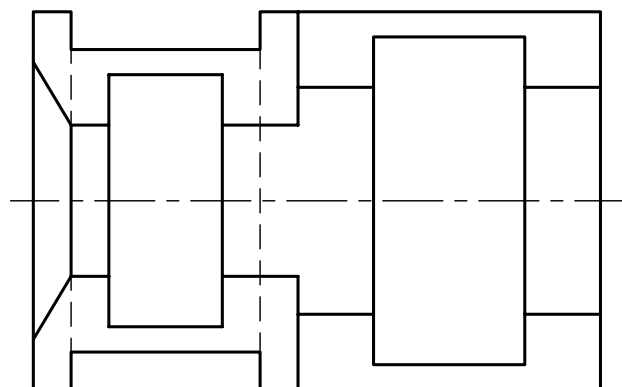
SENAI


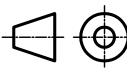
ROBERTO

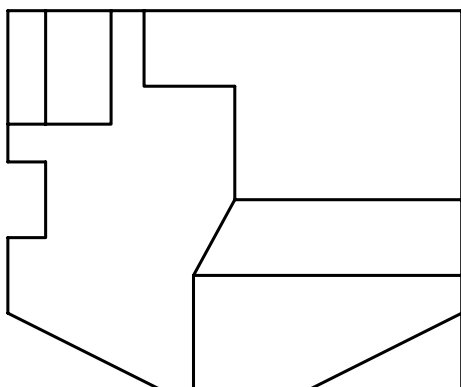
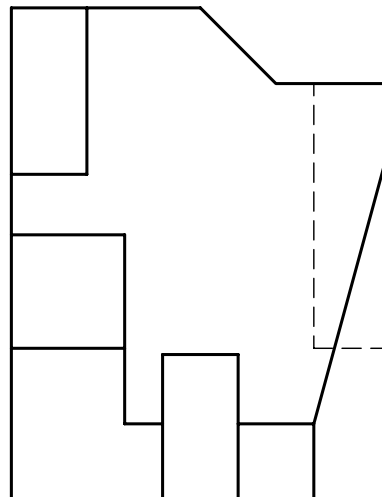
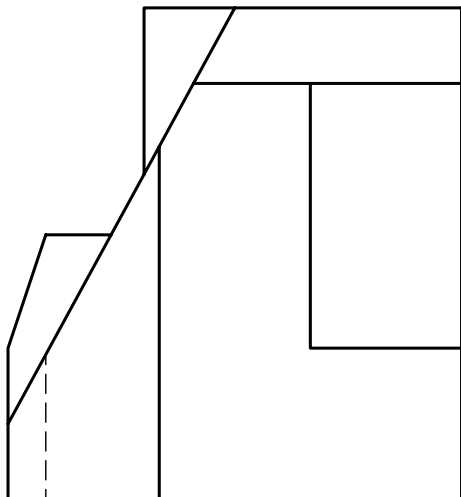
SIMONSEN



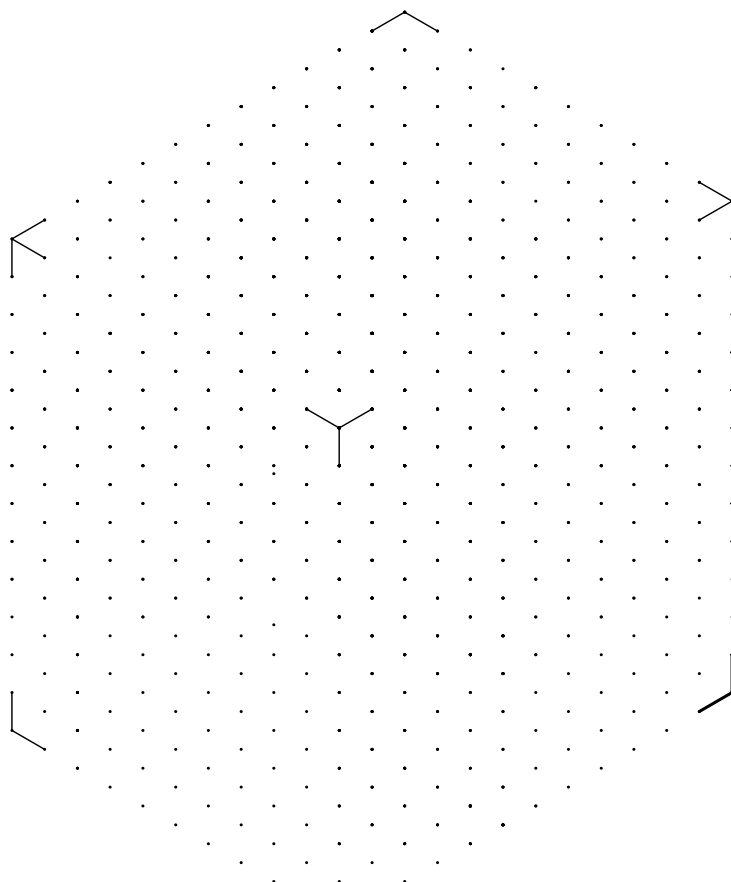
Desenhe a perspectiva isométrica referente as projeções em escala 1:1 no campo de pontos isométricos.





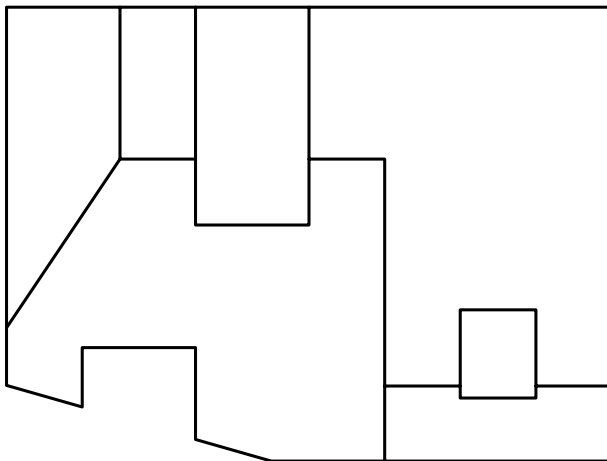
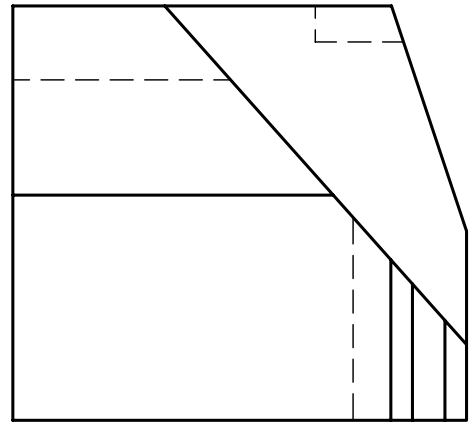
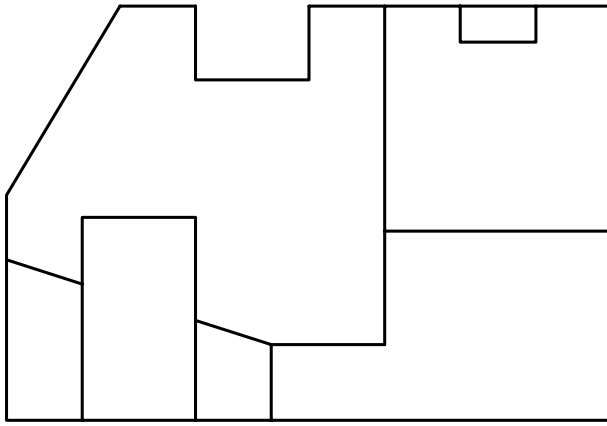
 São Paulo	Título	DESENHO DE PERSPECTIVA			Escala
	Aluno :	Nº		Data :	Turma :
	Professor: Luiz Carlos Duarte			C.F.P. : 1.01	Ex.nº E 03
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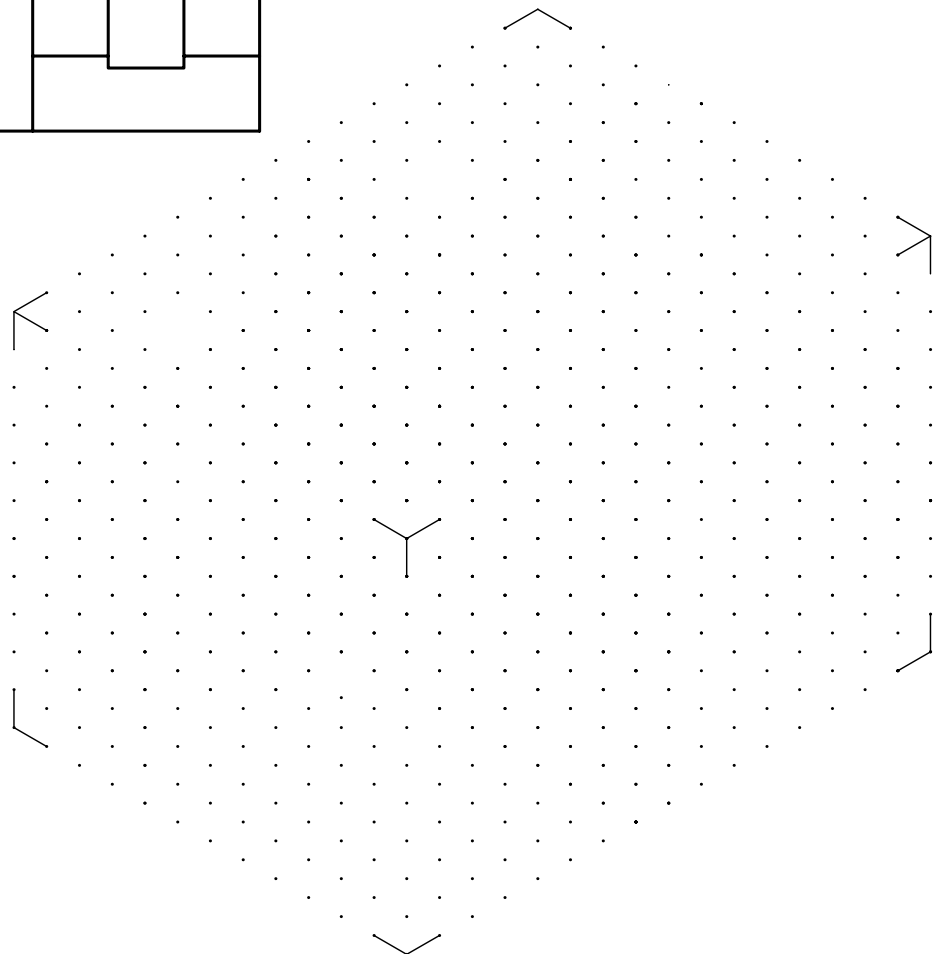
Desenhe a perspectiva isométrica referente as projeções em escala 1:1 no campo de pontos isométricos.


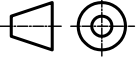


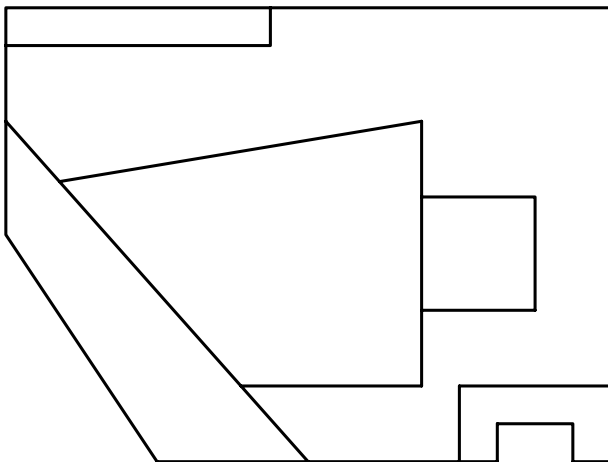
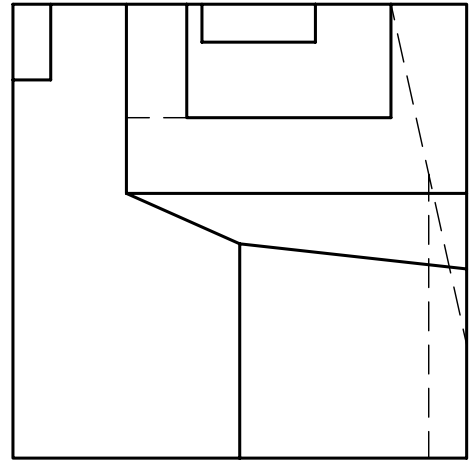
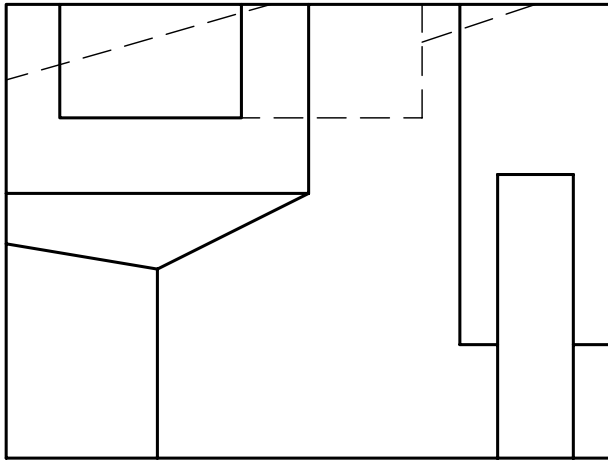
 São Paulo	Título	DESENHO DE PERSPECTIVA			Escala
	Aluno :	Nº		Data :	Turma :
	Professor: Luiz Carlos Duarte			C.F.P. : 1.01	Ex.nº E 04
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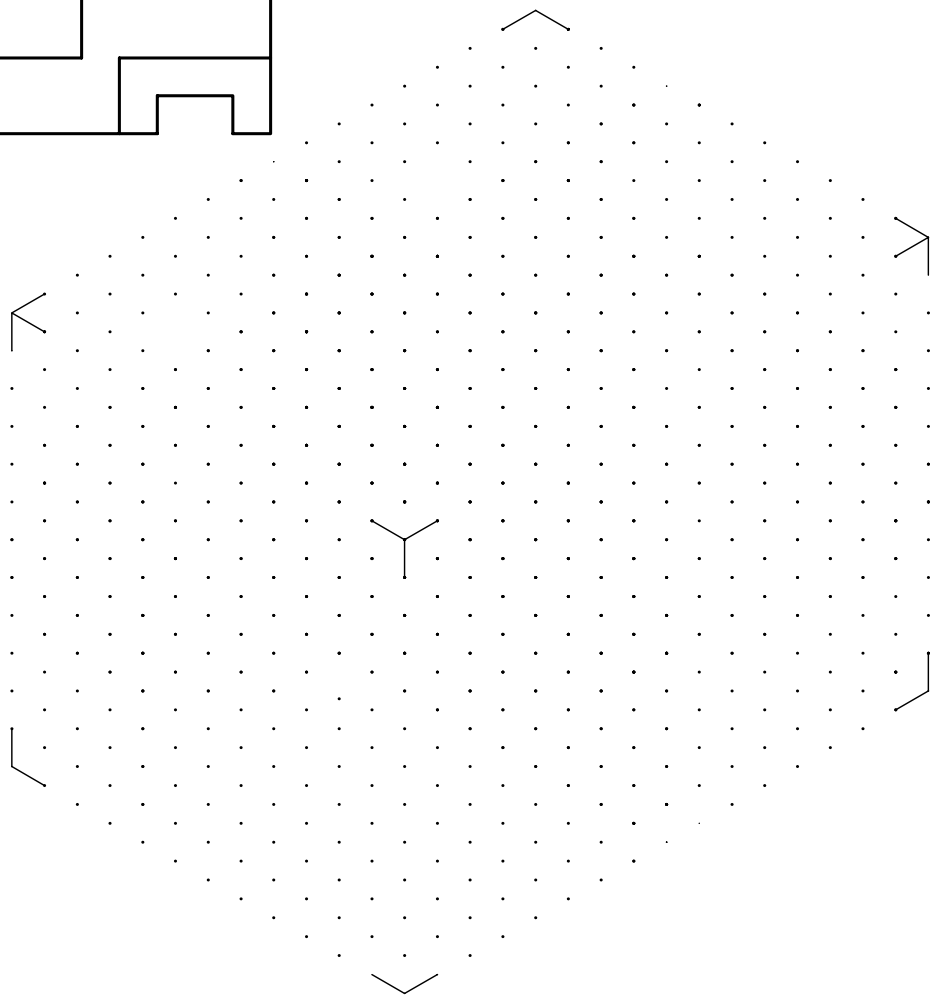
Desenhe a perspectiva isométrica referente as projeções em escala 1:1 no campo de pontos isométricos.


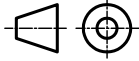


 São Paulo	Título	DESENHO DE PERSPECTIVA		Escala
	Aluno :	Nº	Data :	Turma :
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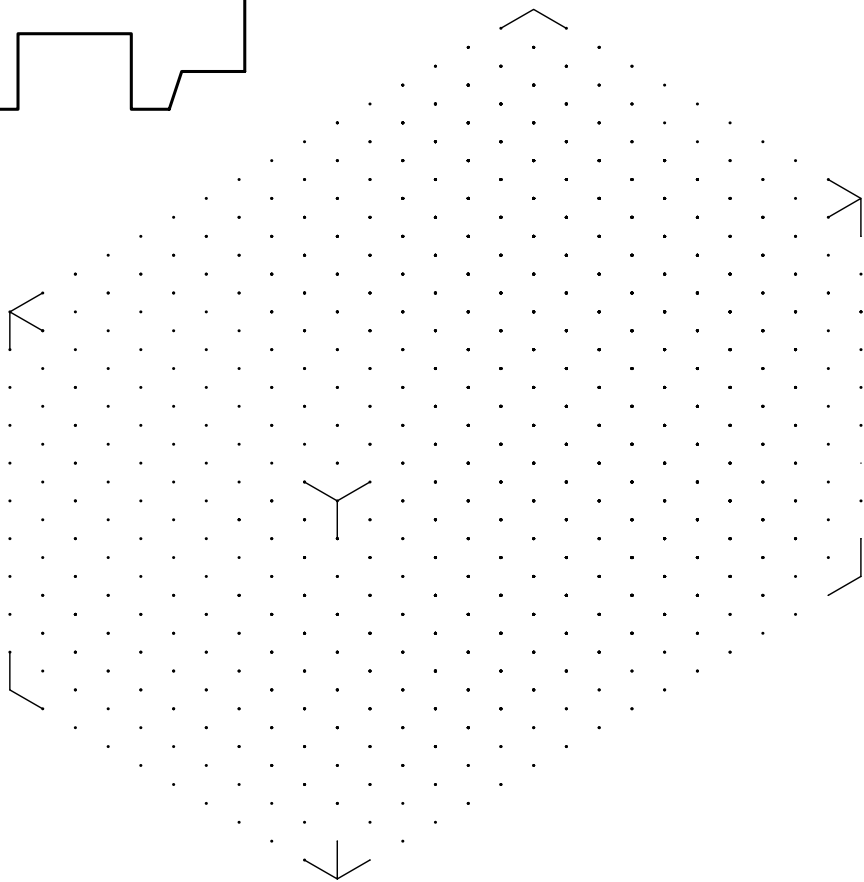
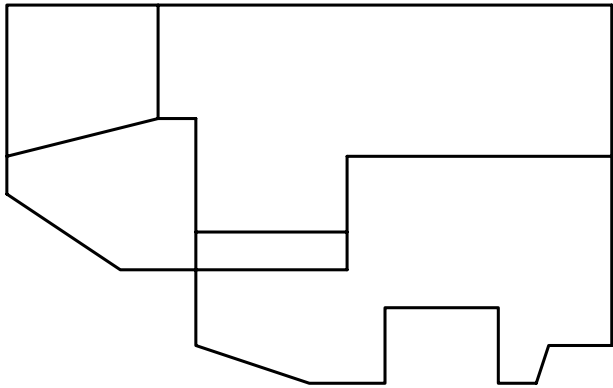
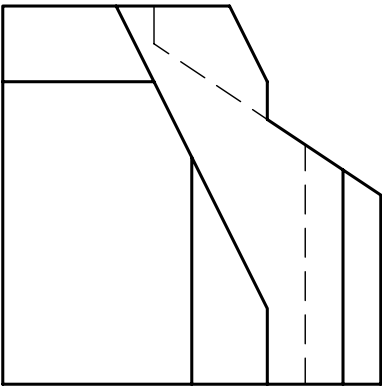
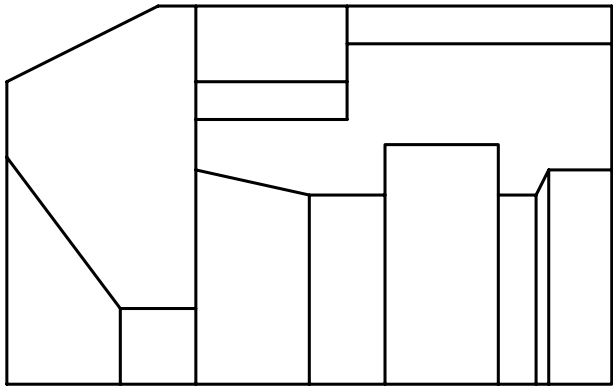



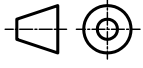
Desenhe a perspectiva isométrica referente as projeções em escala 1:1 no campo de pontos isométricos.



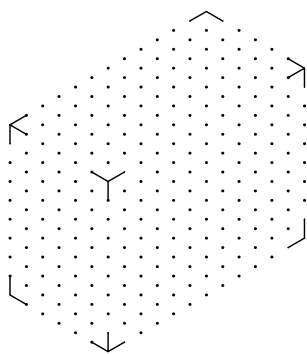
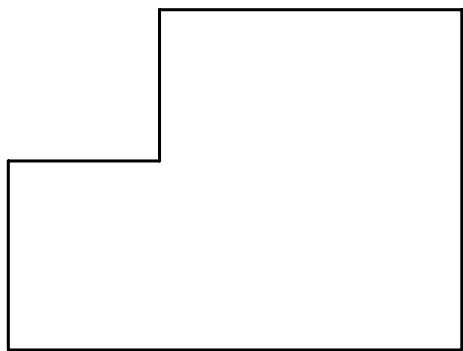
 São Paulo	Título	DESENHO DE PERSPECTIVA		Escala
	Aluno :	Nº	Data :	Turma :
	Professor: Luiz Carlos Duarte		C.F.P. : 1.01	Ex.nº E 06
ESCOLA SENAI ROBERTO SIMONSEN				

Desenhe a perspectiva isométrica em escala 1:1, baseando-se nas dimensões das vistas desenhadas.

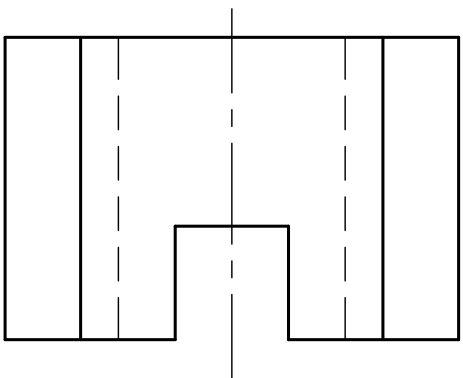
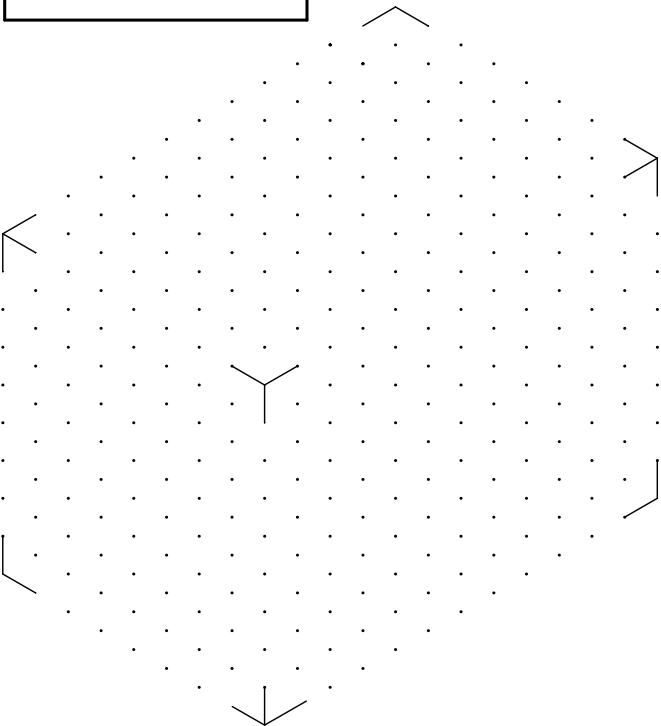
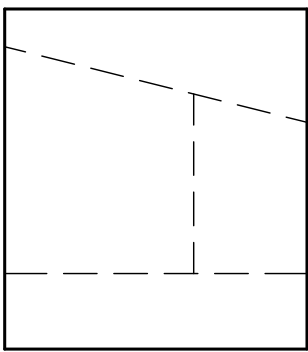
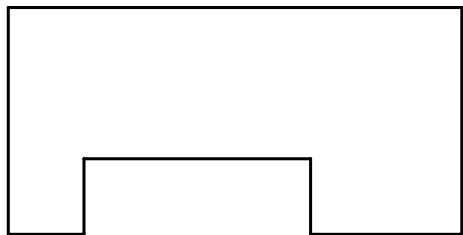



 São Paulo	Título	DESENHO DE PERSPECTIVA		Escala
	Aluno :	Nº	Data :	Turma :
	Professor: Luiz Carlos Duarte		C.F.P. : 1.01	Ex.nº E 07
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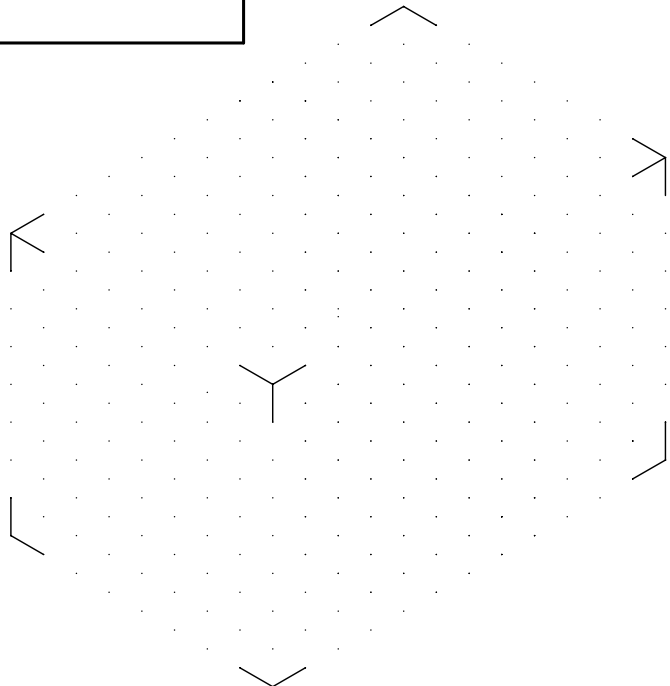
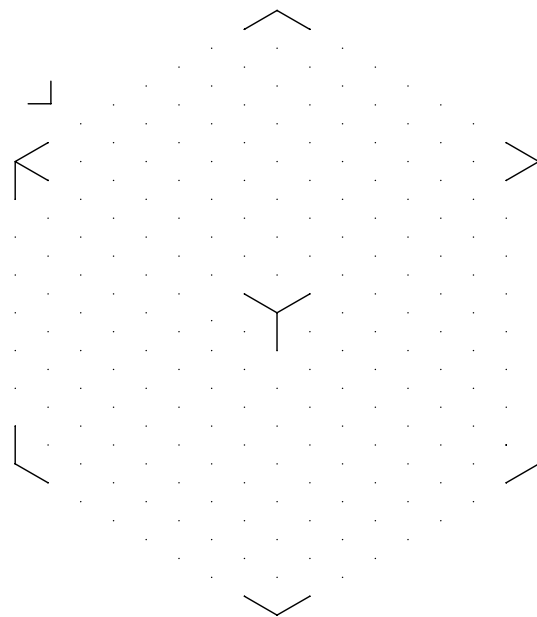
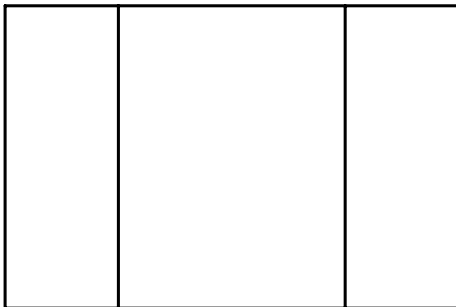
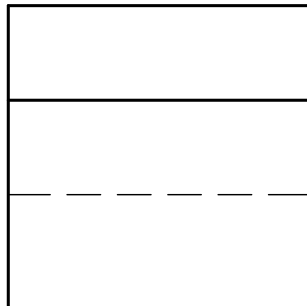
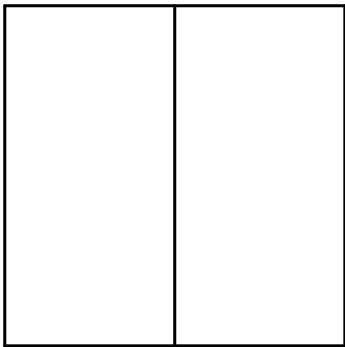
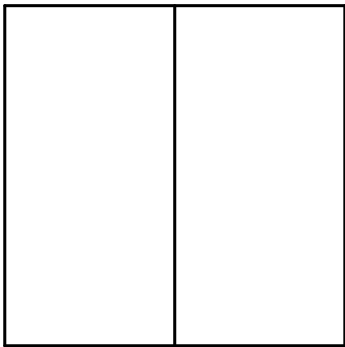
Complete as vistas e desenhe sua perspectiva. Retire as dimensões das vistas.





Escala 1:2

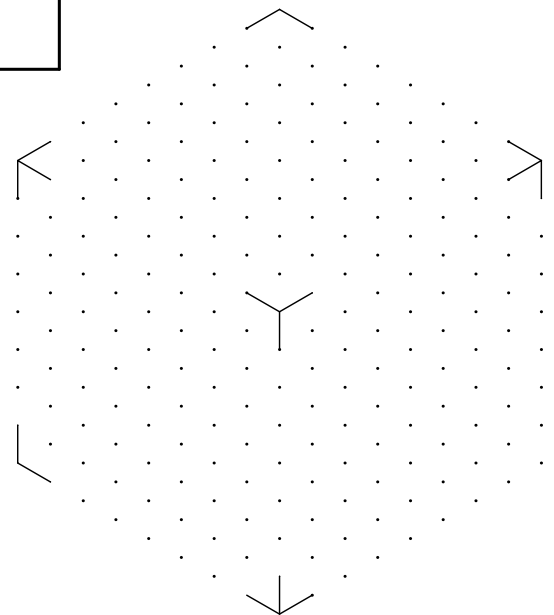
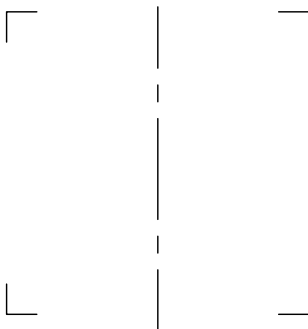
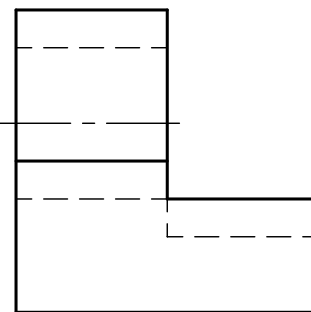
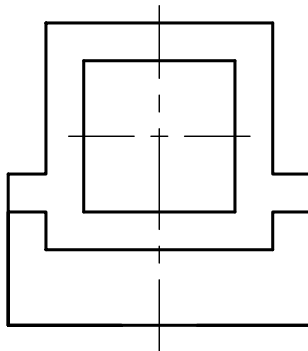
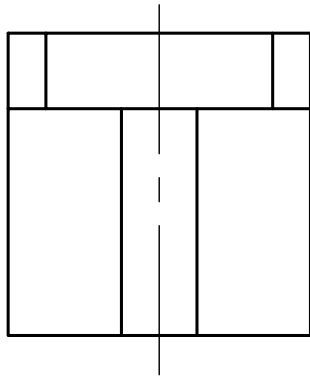
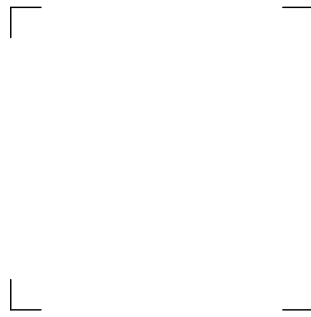
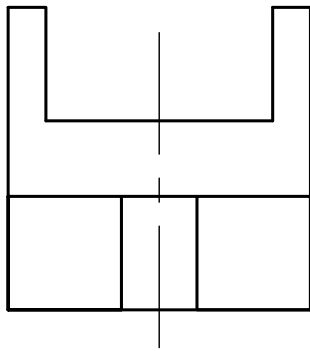


<div><div></div><div>SENAI</div><div></div></div> <div>São Paulo</div>	Título <div>COMPLETAR VISTAS</div>			Escala
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	Professor: Luiz Carlos Duarte		C.F.P. : 1.01	Ex.nº F 01
ESCOLA SENAI ROBERTO SIMONSEN				



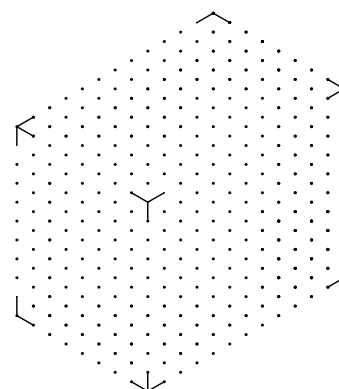
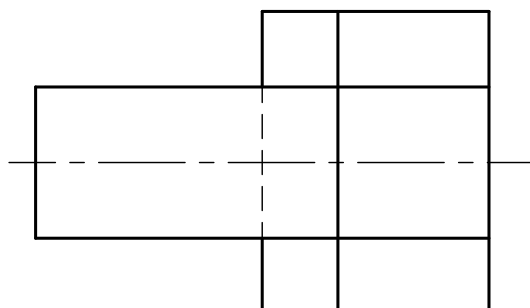
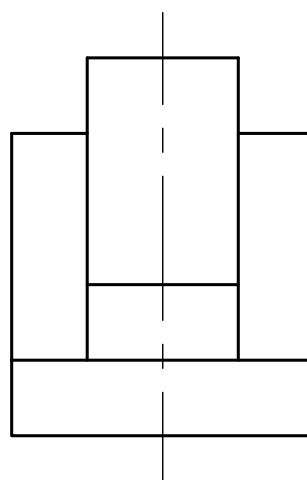
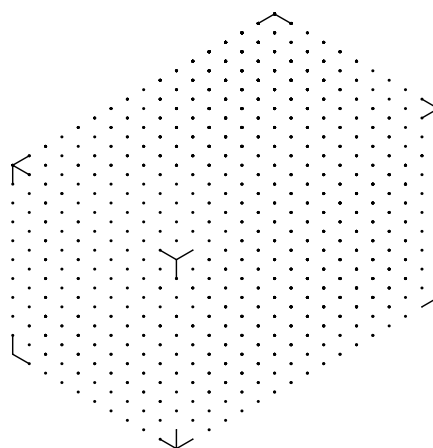
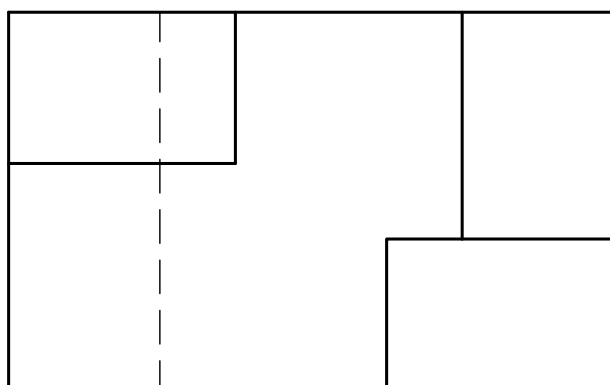
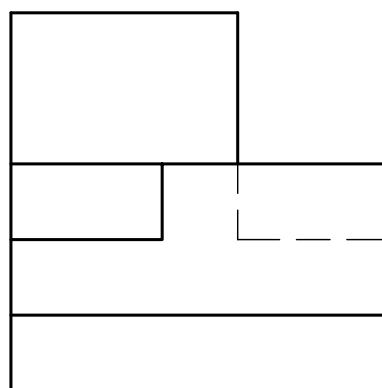
 São Paulo	Título COMPLETAR VISTAS + PERSPECTIVA			Escala
	Aluno : _____ Nº _____		Data : _____	Turma : _____
	Professor: Luiz Carlos Duarte		C.F.P. : 1.01	Ex.nº F 02
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Complete a vista faltante e desenhe a perspectiva isométrica abaixo.



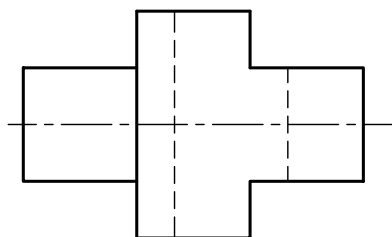
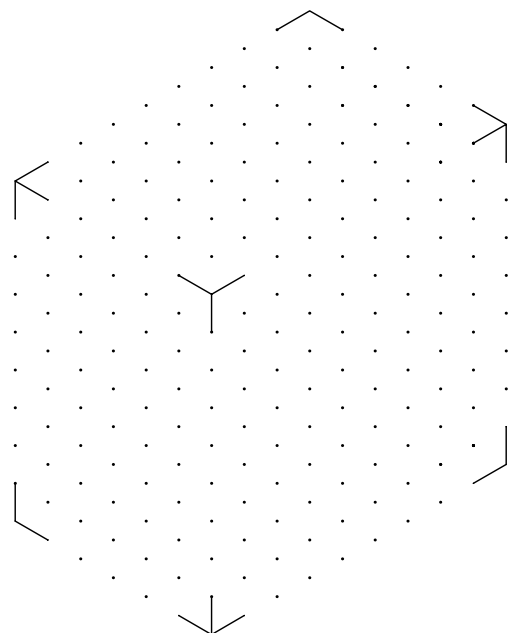
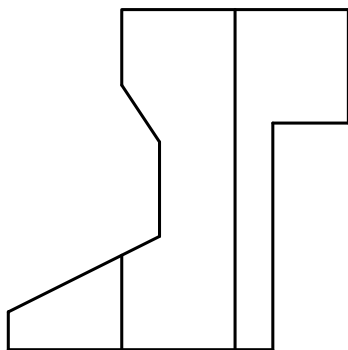
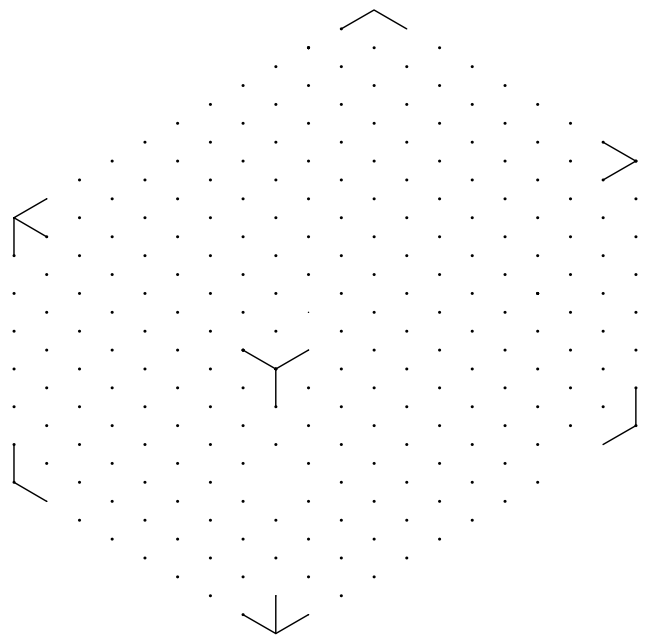
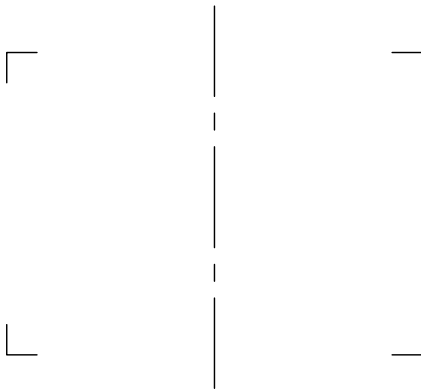
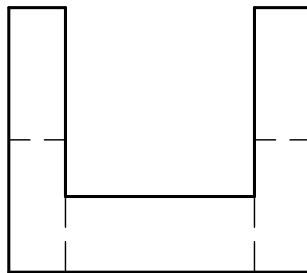
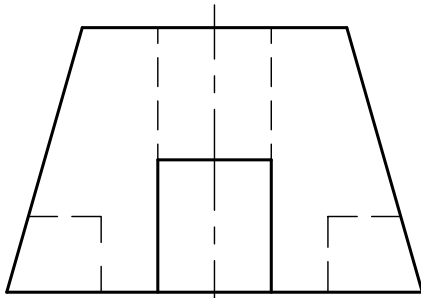
<div><div>SENAI</div><div>São Paulo</div></div>	<div>Título</div> <div>COMPLETAR VISTAS + PERSPECTIVA</div>	<div><div><div></div><div></div></div></div>	<div>Escala</div>	
	<div>Aluno : N°</div>		<div>Data :</div>	<div>Turma :</div>
	<div>Professor: Luiz Carlos Duarte</div>		<div>C.F.P. : 1.01</div>	<div>Ex.n° F 03</div>
<div>ESCOLA SENAI ROBERTO SIMONSEN</div>				



Desenhe a vista faltante e a sua perspectiva isométrica na escala 1:2.

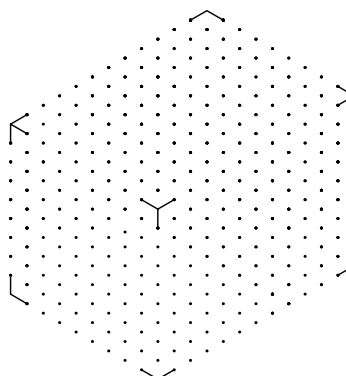
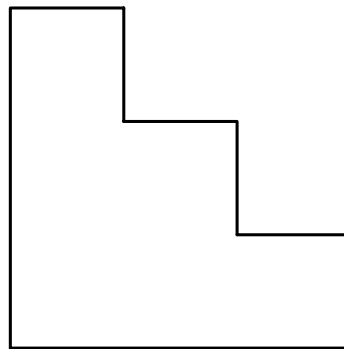
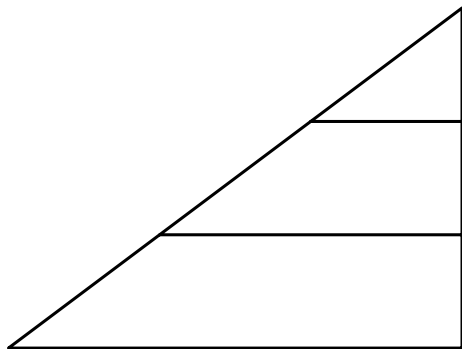


	<p>Título</p> <p>COMPLETAR VISTAS + PERSPECTIVA</p>		<p>Escala</p>
<p>São Paulo</p>	<p>Aluno : _____ Nº _____</p>	<p>Data : _____</p>	<p>Turma : _____</p>
<p>Professor: Luiz Carlos Duarte</p>	<p>C.F.P. : 1.01</p>	<p>Ex.nº F 05</p>	
<p>ESCOLA</p>	<p>SENAI</p>	<p>ROBERTO</p>	<p>SIMONSEN</p>

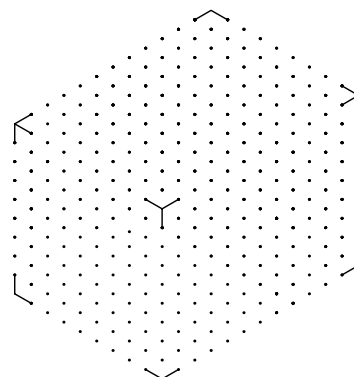
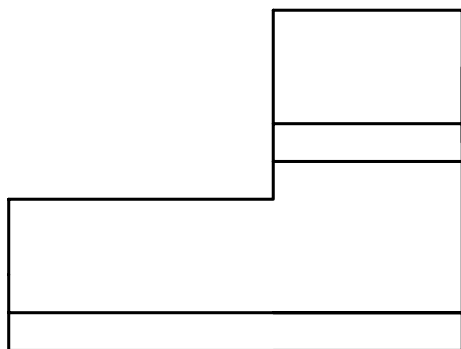
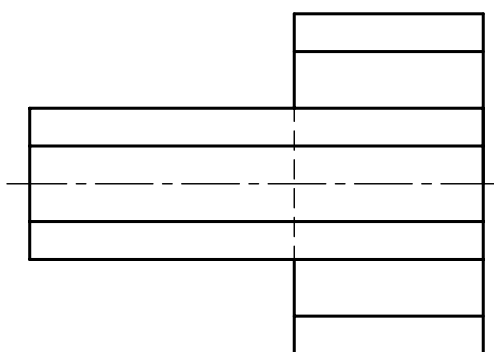
Complete as vistas faltantes e desenhe as perspectivas isométricas abaixo.





 São Paulo	Título COMPLETAR VISTAS + PERSPECTIVA		Escala
	Aluno : _____ Nº _____	Data : _____	Turma : _____
	Professor: Luiz Carlos Duarte	C.F.P. : 1.01	Ex.nº F 05
ESCOLA SENAI ROBERTO SIMONSEN			



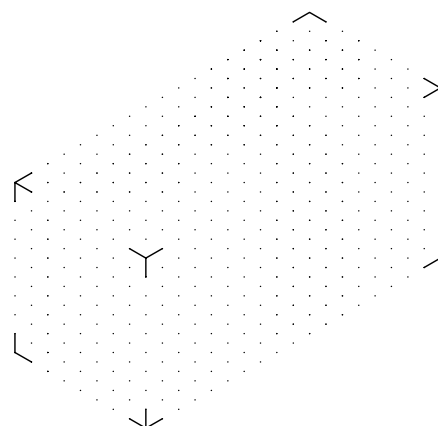
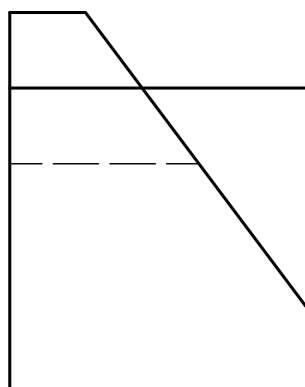
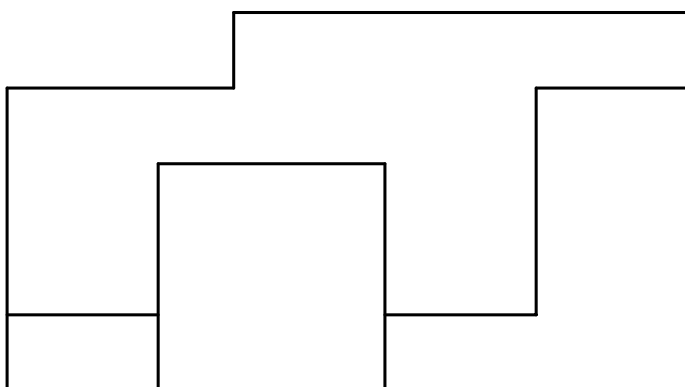
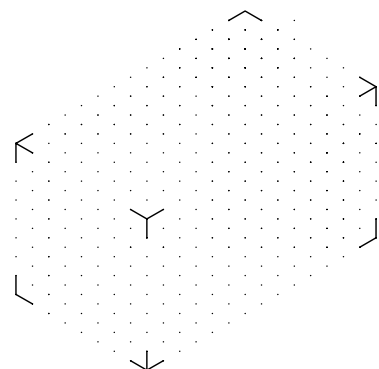
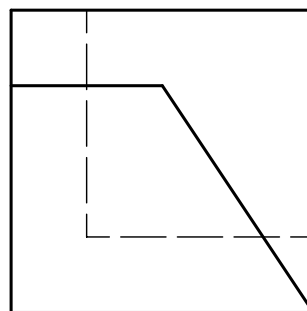
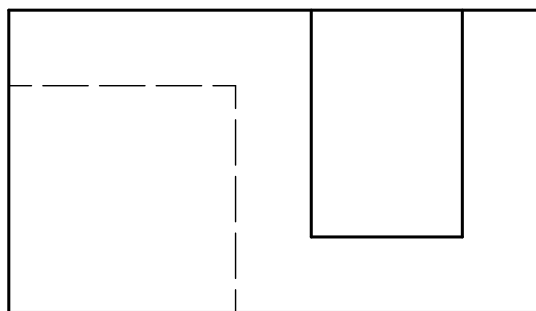
Escala 1:2


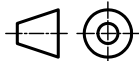


Escala 1:2

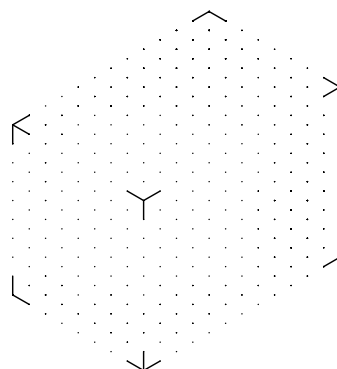
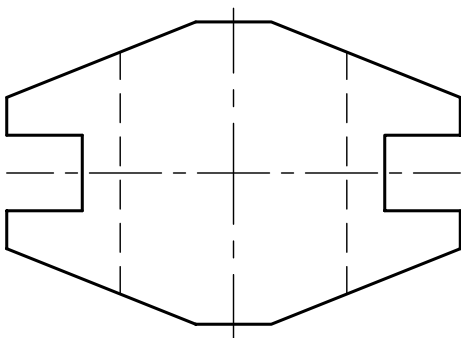
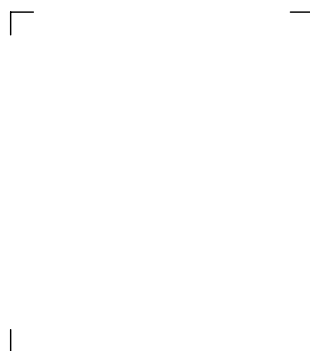
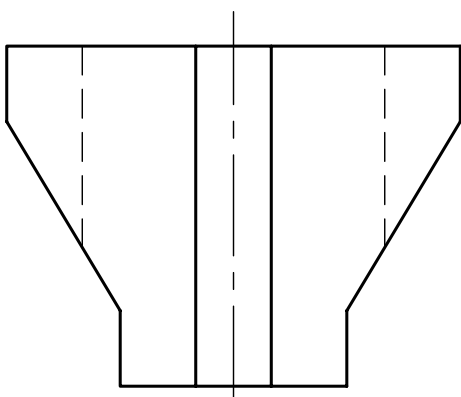
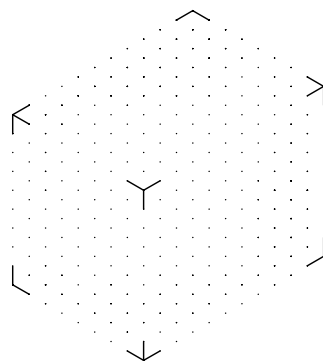
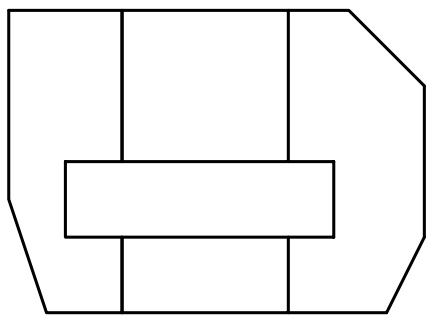
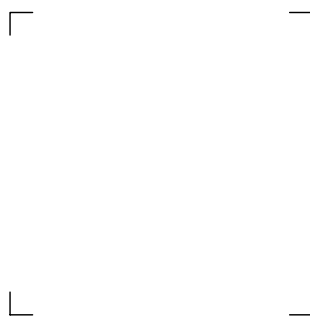
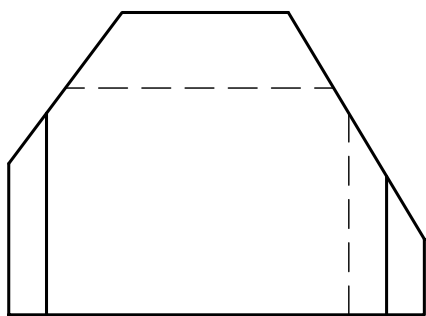
 São Paulo	Título COMPLETAR VISTAS + PERSPECTIVA		 Escala	
	Aluno : _____ Nº _____		Data : _____	Turma : _____
	Professor: Luiz Carlos Duarte		C.F.P. : 1.01	Ex.nº F 06
	ESCOLA	SENAI	ROBERTO	SIMONSEN


Desenhe a vista faltante e a sua perspectiva isométrica na escala 1:2.



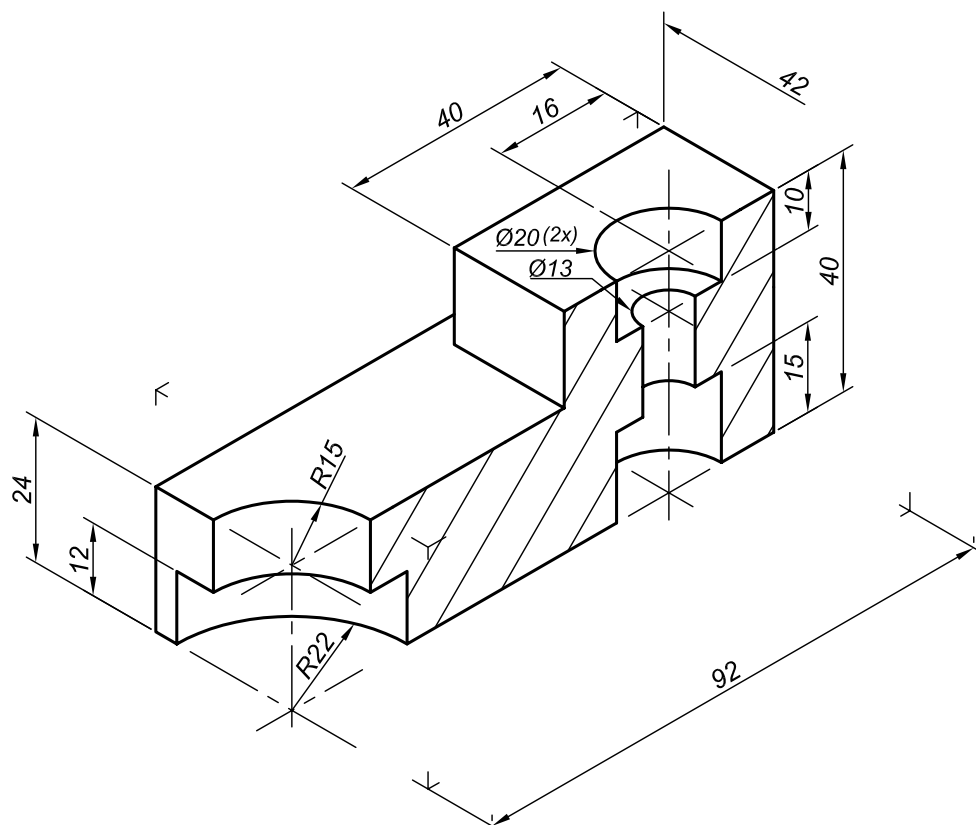
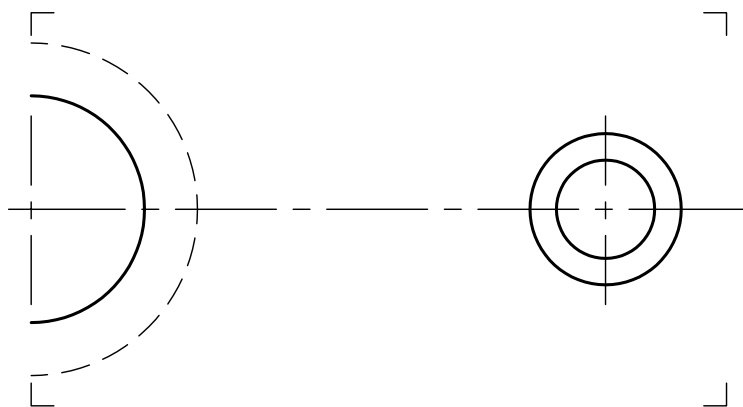
	<p>Título</p> <p>COMPLETAR VISTAS + PERSPECTIVA</p>		<p>Escala</p>
<p>São Paulo</p>	<p>Aluno : _____ Nº _____</p>	<p>Data : _____</p>	<p>Turma : _____</p>
<p>Professor: Luiz Carlos Duarte</p>	<p>C.F.P. : 1.01</p>	<p>Ex.nº F 07</p>	<p></p>
<p>ESCOLA</p>	<p>SENAI</p>	<p>ROBERTO</p>	<p>SIMONSEN</p>

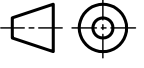
Complete a vista faltante e desene sua perspectiva isométrica em escala 1:2.

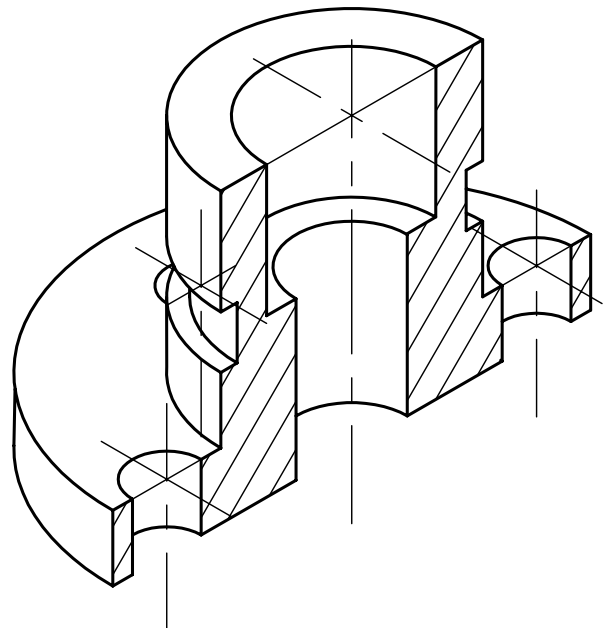
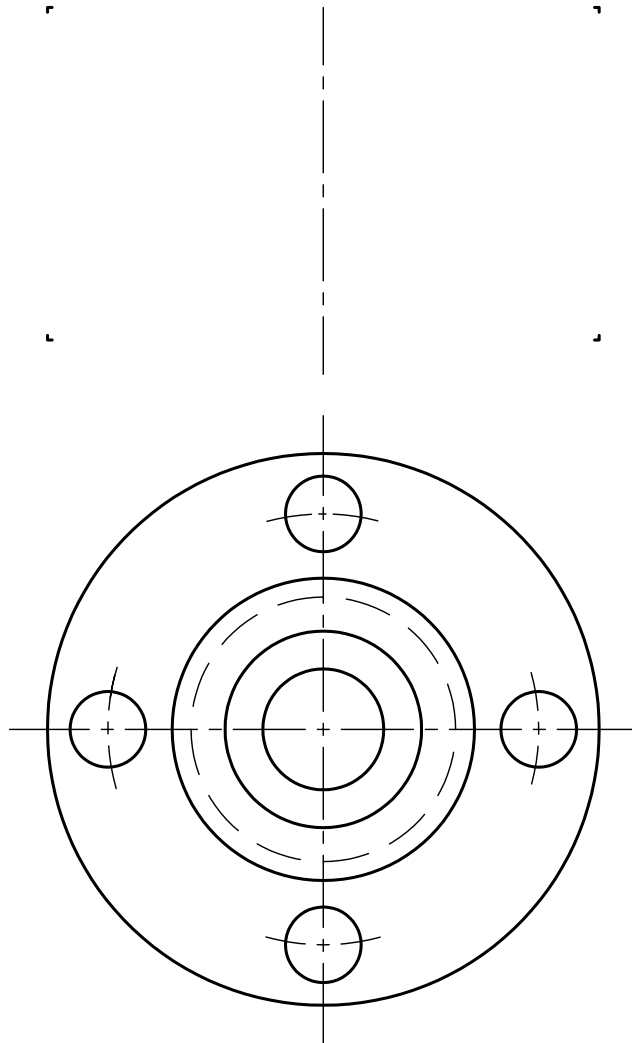



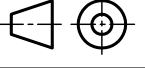
<div><div>SENAI</div><div>São Paulo</div></div>	<div>Título</div> <div>COMPLETAR VISTAS + PERSPECTIVA</div>	<div></div>	<div>Escala</div>	
	<div>Aluno : N°</div>		<div>Data :</div>	<div>Turma :</div>
	<div>Professor: Luiz Carlos Duarte</div>		<div>C.F.P. : 1.01</div>	<div>Ex.nº F 08</div>
<div>ESCOLA SENAI ROBERTO SIMONSEN</div>				

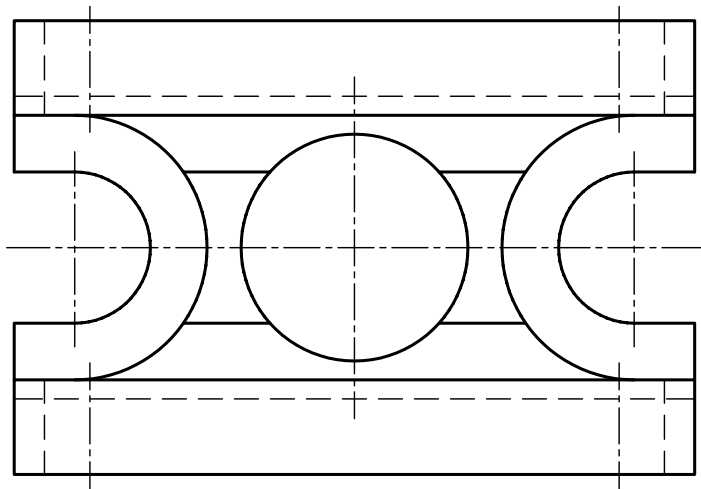
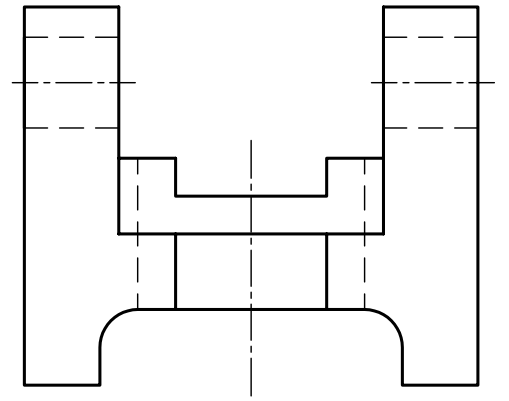
Desenhe as três vistas da perspectiva abaixo aplicando corte total na Vista Frontal em Escala 1 1 . Não é necessário cotar. Obs. A peça é simétrica.



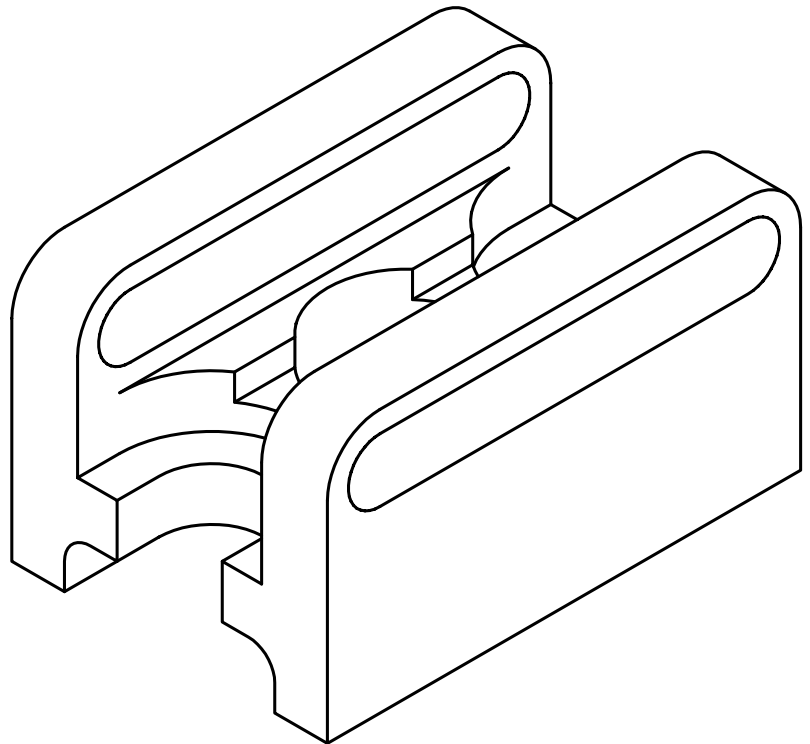
<div><div></div><div>SENAI</div><div></div></div> <div>São Paulo</div>	<div>Título</div> <div>CORTE TOTAL</div>	<div></div>	<div>Escala</div>
	<div>Aluno :</div> <div>Nº</div>	<div>Data :</div>	<div>Turma :</div>
	<div>Professor: Luiz Carlos Duarte</div>	<div>C.F.P. : 1.01</div>	<div>Ex.nº H 01</div>
<div>ESCOLA SENAI ROBERTO SIMONSEN</div>			





 São Paulo	Título CORTE TOTAL			Escala
	Aluno :		Data :	Turma :
	Professor: Luiz Carlos Duarte		C.F.P. : 1.01	Ex.nº H 02
ESCOLA SENAI ROBERTO SIMONSEN				



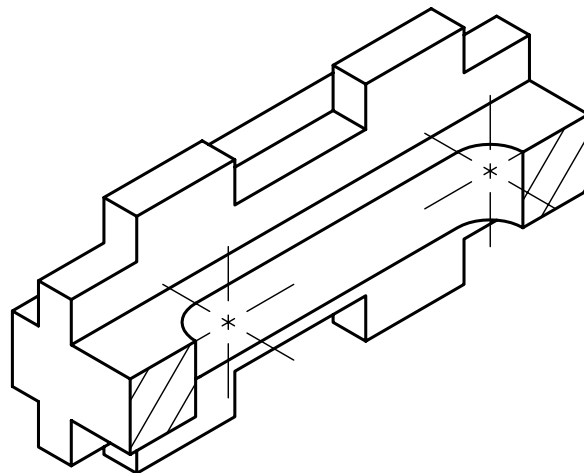
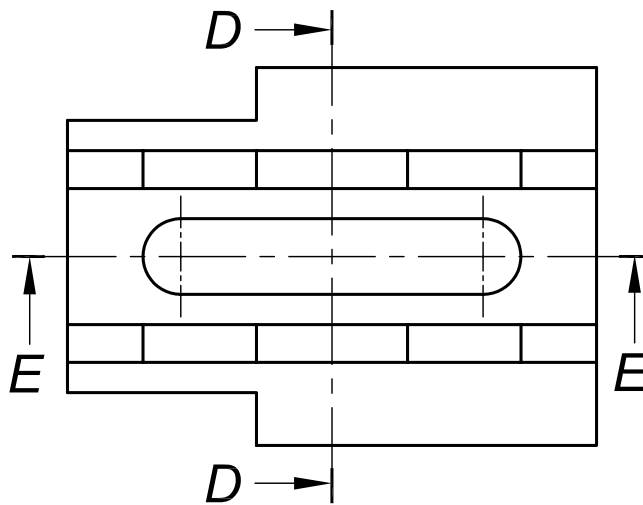
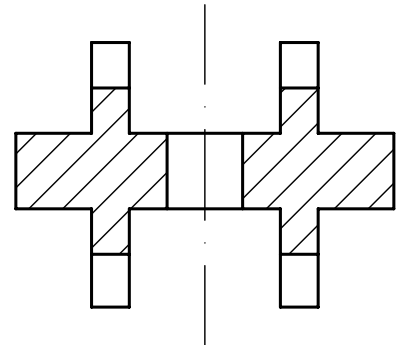
Desenhe a vista frontal aplicando o corte total.


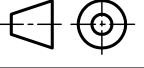


	Título DESENHO DE PERSPECTIVA		Escala
São Paulo	Aluno : _____ Nº _____	Data : _____	Turma : _____
	Professor: Luiz Carlos Duarte	C.F.P. : 1.01	Ex.nº H 03
ESCOLA	SENAI	ROBERTO	SIMONSEN

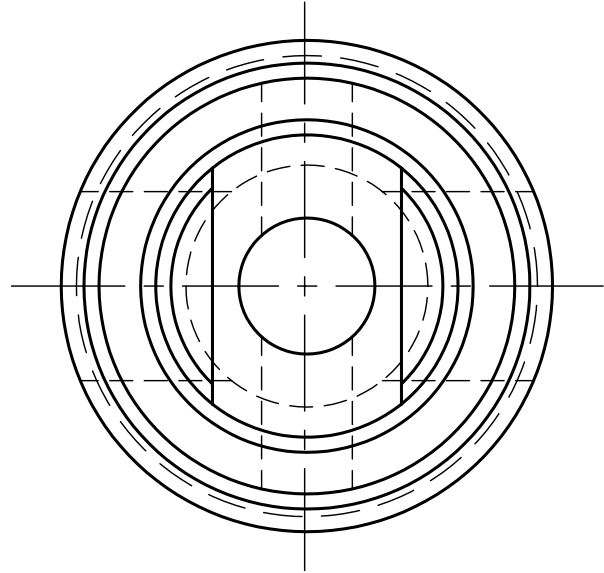
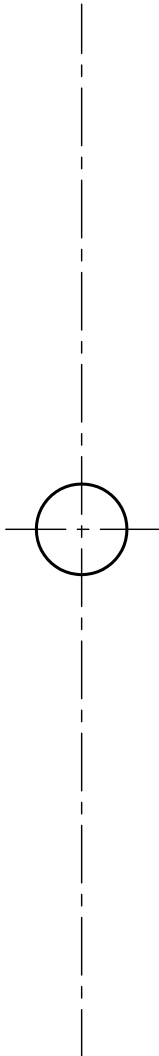
Aplique o Corte E-E solicitado.

D-D

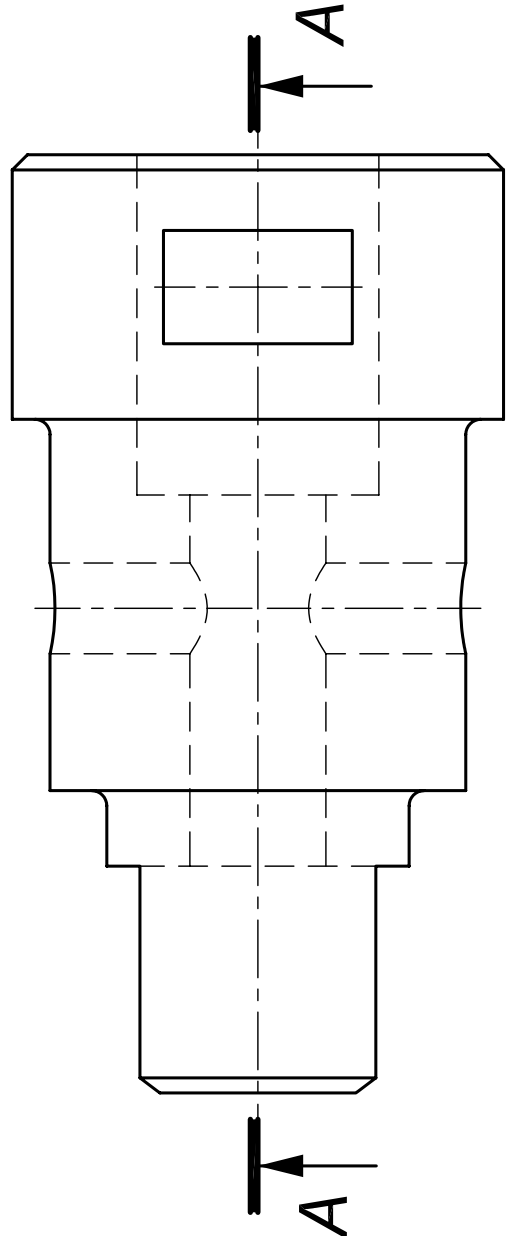
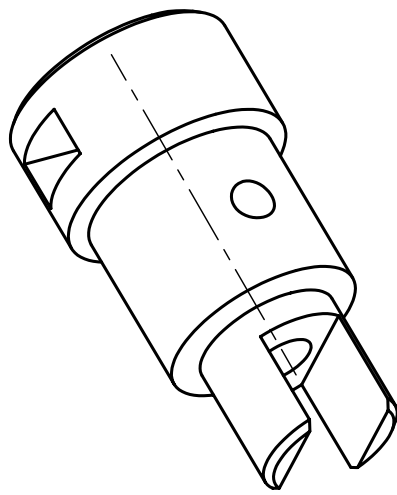


 São Paulo	Título	CORTE TOTAL		Escala
	Aluno :	Nº	Data :	Turma :
	Professor: Luiz Carlos Duarte		C.F.P. : 1.01	Ex.nº H 04
ESCOLA SENAI ROBERTO SIMONSEN				

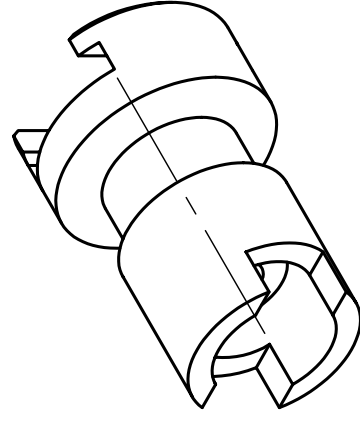
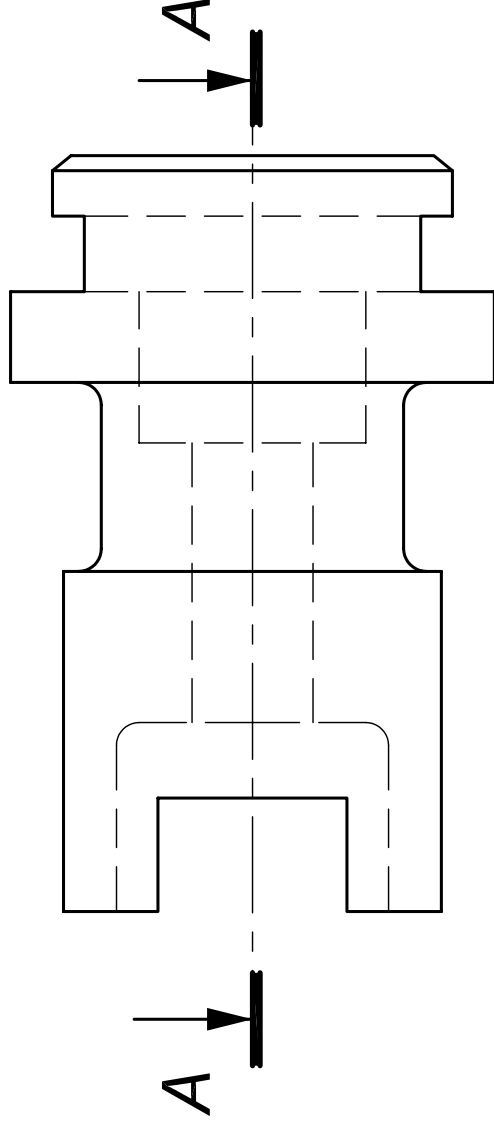
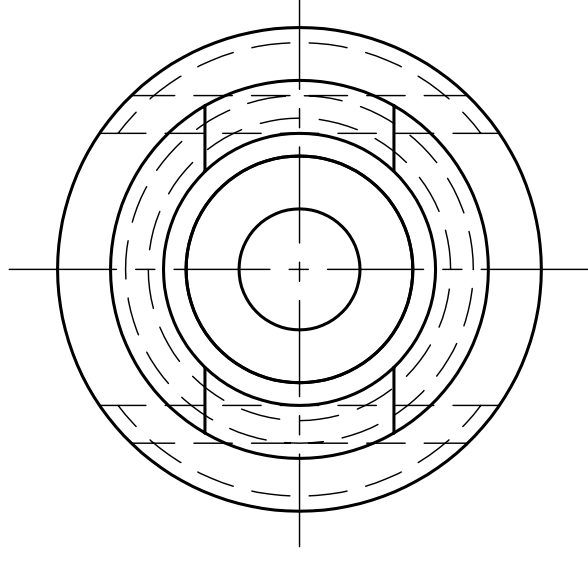
Desenhar o corte total indicado em escala 1:1.



A - A

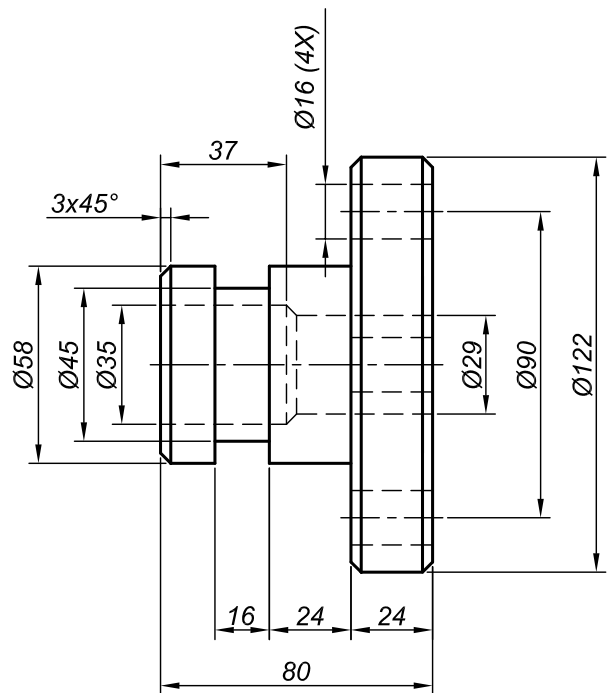


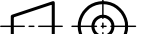
) Desenhar o corte total indicado em escala 1:1.



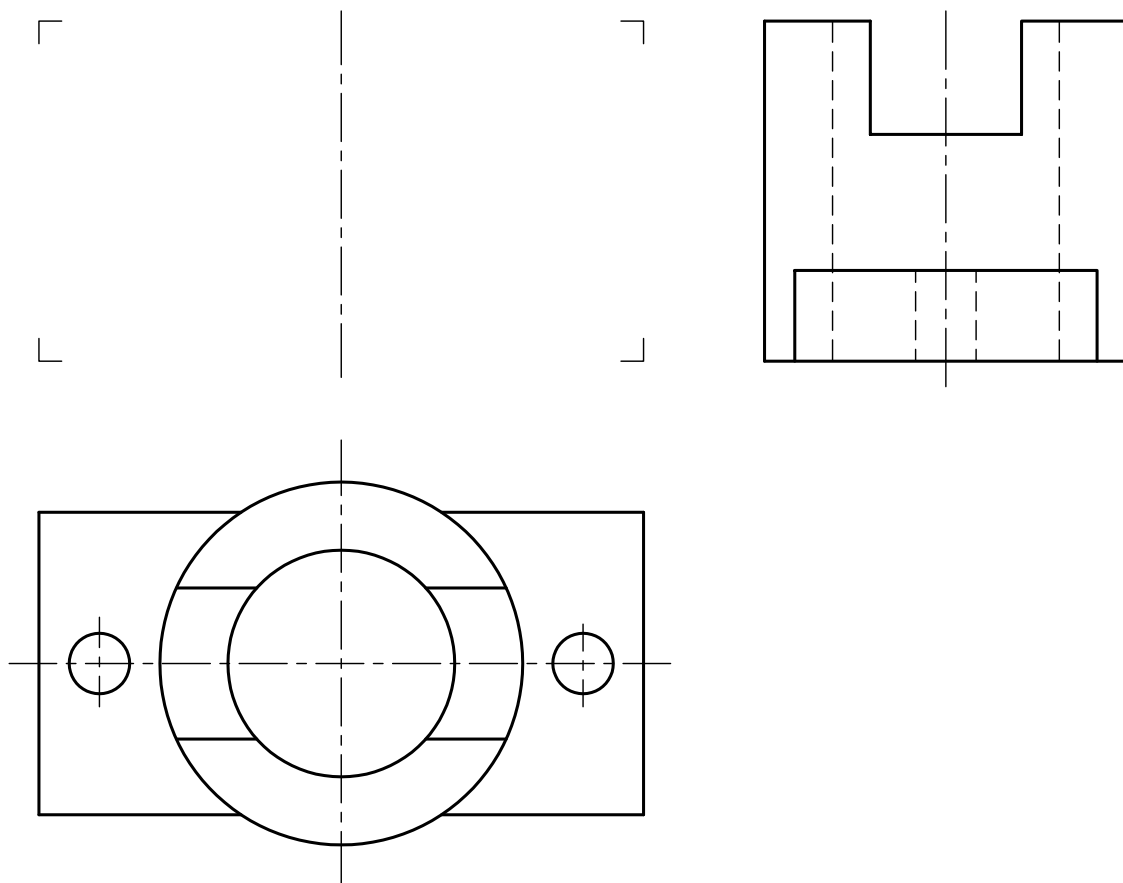
A - A


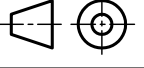
Desenhe a peça abaixo aplicando o Meio Corte em escala 1:2. Cote corretamente

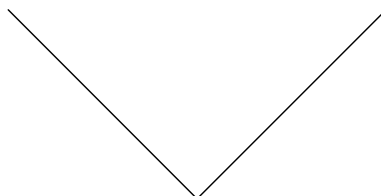
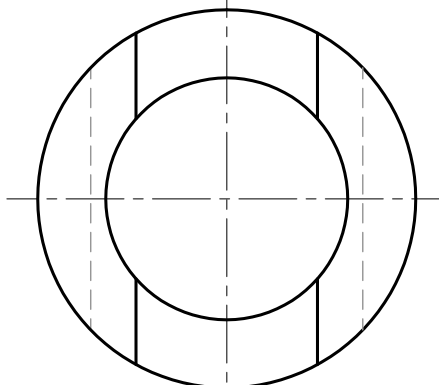
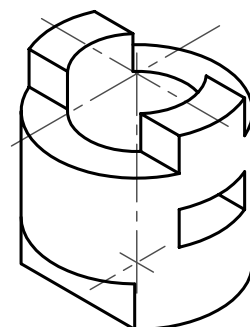
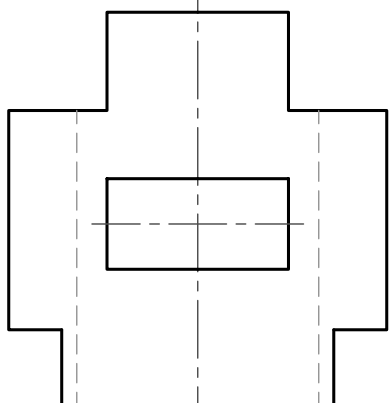
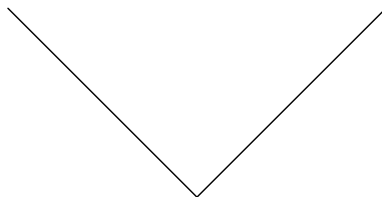
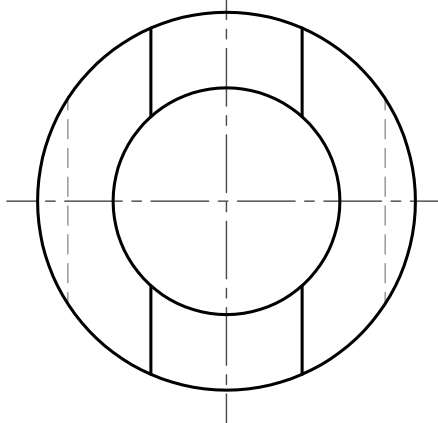
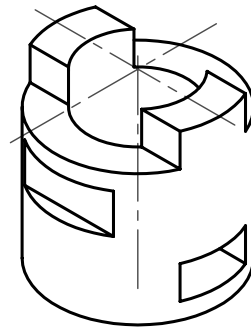
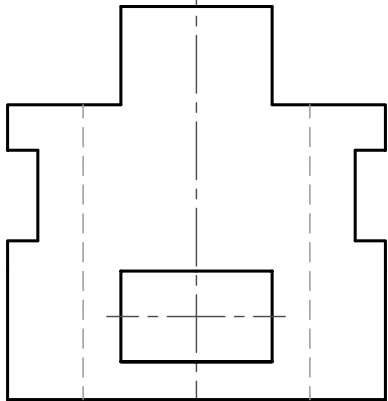




<div><div></div><div>SENAI</div><div></div></div> <div>São Paulo</div>	<div>Título</div> <div>MEIO CORTE</div>	<div></div>	<div>Escala</div>
	<div>Aluno :</div> <div>Nº</div>	<div>Data :</div>	<div>Turma :</div>
	<div>Professor: Luiz Carlos Duarte</div>	<div>C.F.P. : 1.01</div>	<div>Ex.nº 1 01</div>
<div>ESCOLA SENAI ROBERTO SIMONSEN</div>			

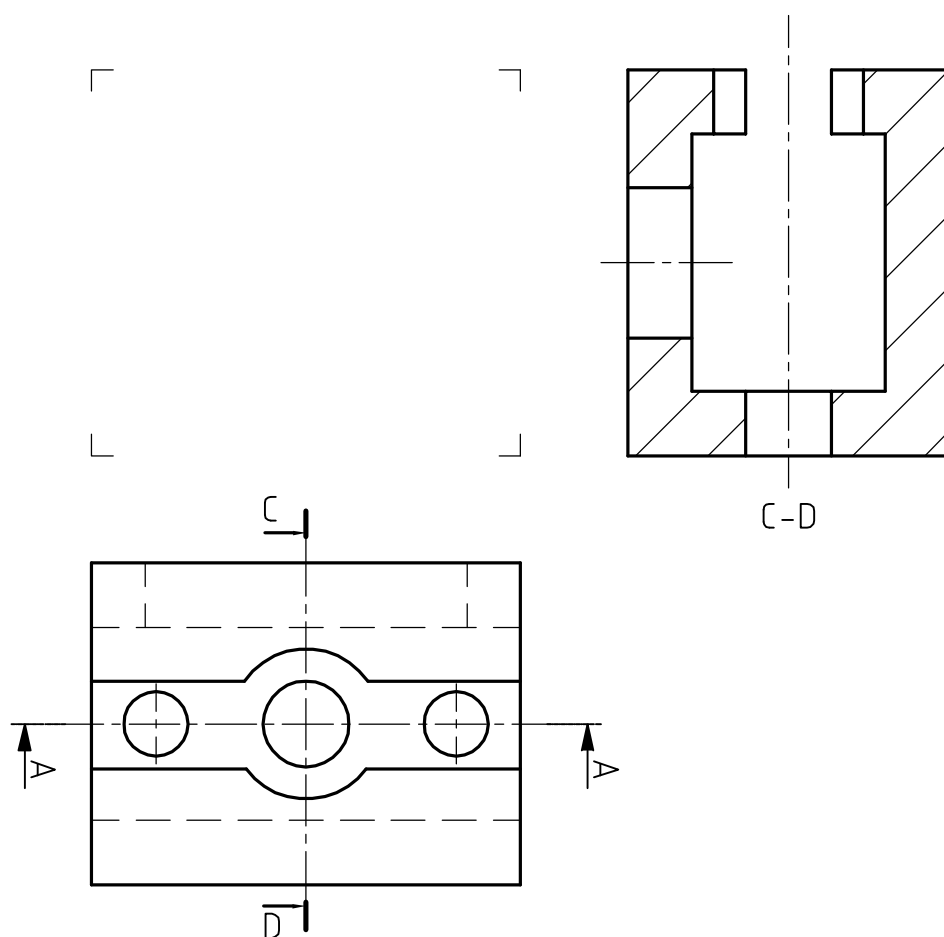
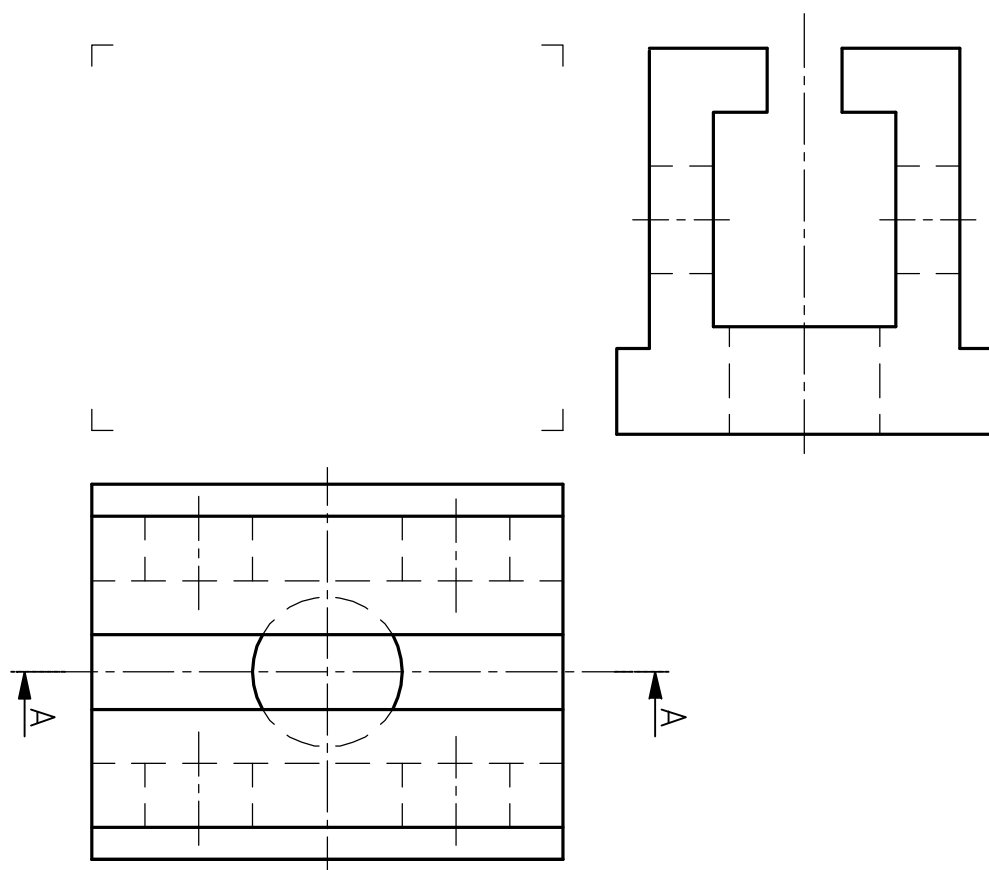
Retire as dimensões nas projeções e desenhe a vista faltante em meio corte.



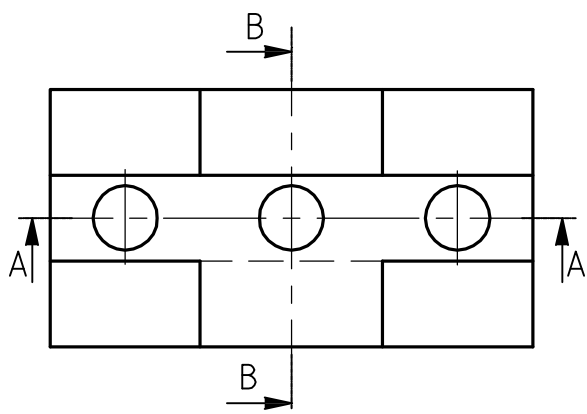
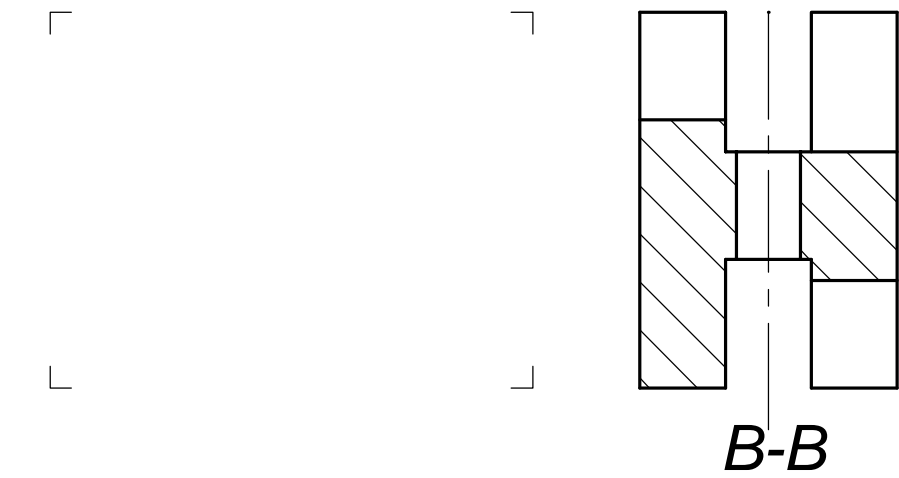
 São Paulo	Título		Escala
	COMPLETAR VISTA EM MEIO CORTE		
	Aluno : _____ Nº _____		Data : _____ Turma : _____
	Professor: Luiz Carlos Duarte	C.F.P. : 1.01	Ex.nº 1 02
ESCOLA SENAI ROBERTO SIMONSEN			

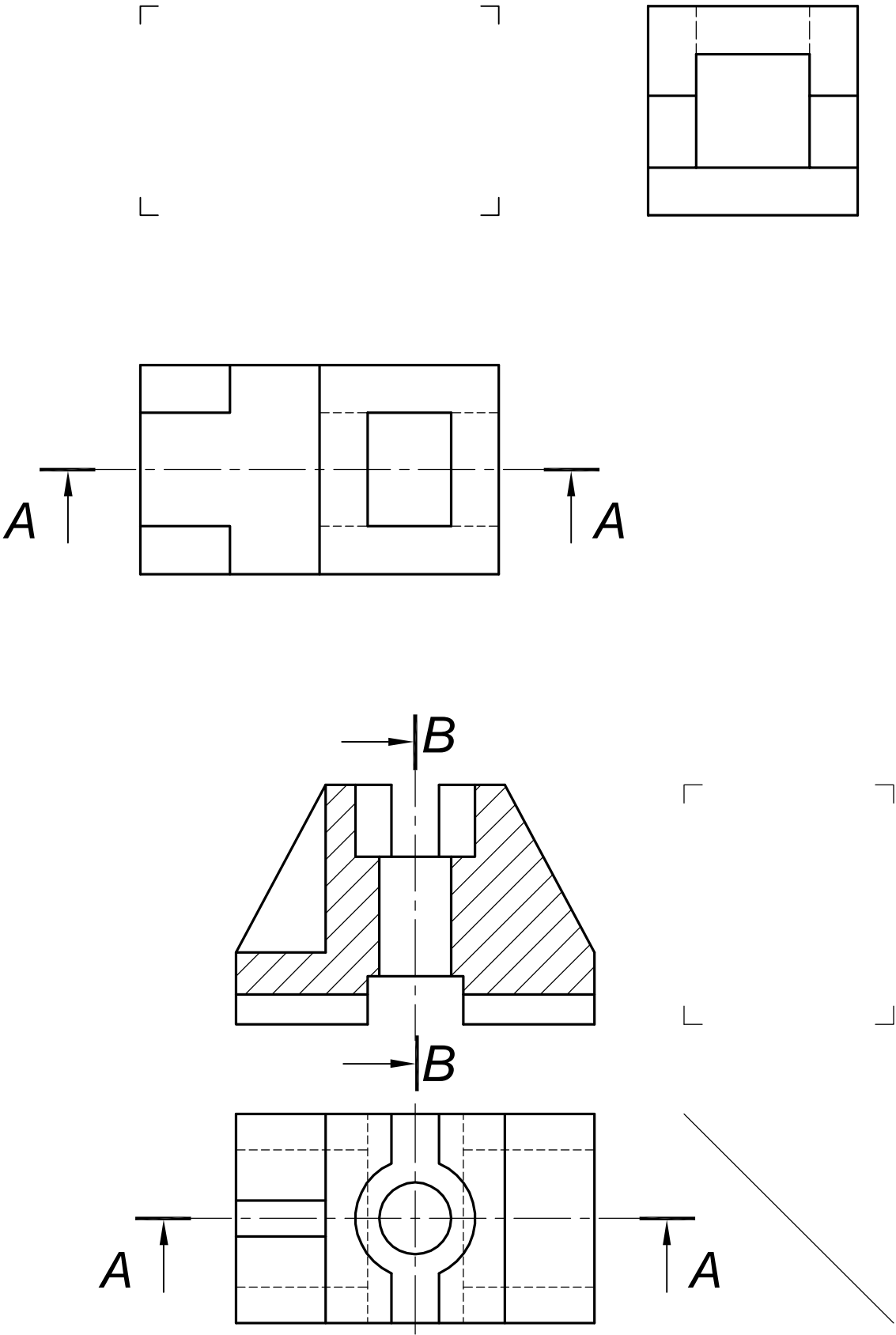


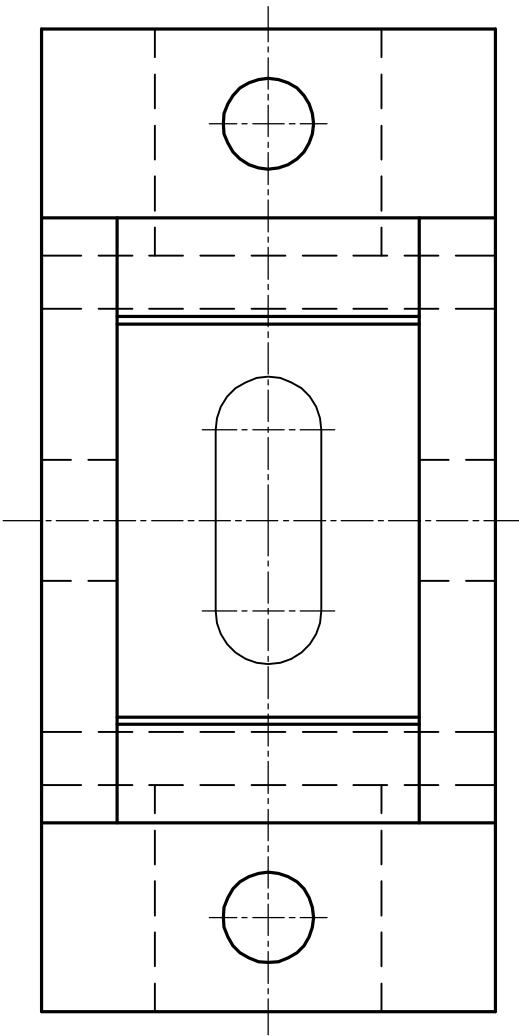
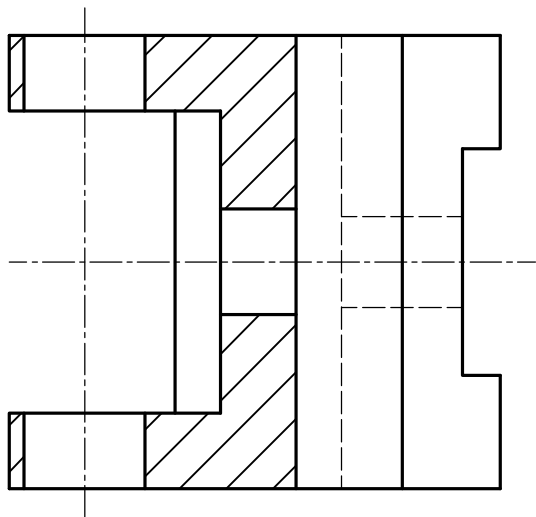
 São Paulo	Título COMPLETAR VISTA EM MEIO CORTE			Escala
	Aluno : _____ Nº _____		Data : _____	Turma : _____
	Professor: Luiz Carlos Duarte		C.F.P. : 1.01	Ex.nº 03
ESCOLA SENAI ROBERTO SIMONSEN				



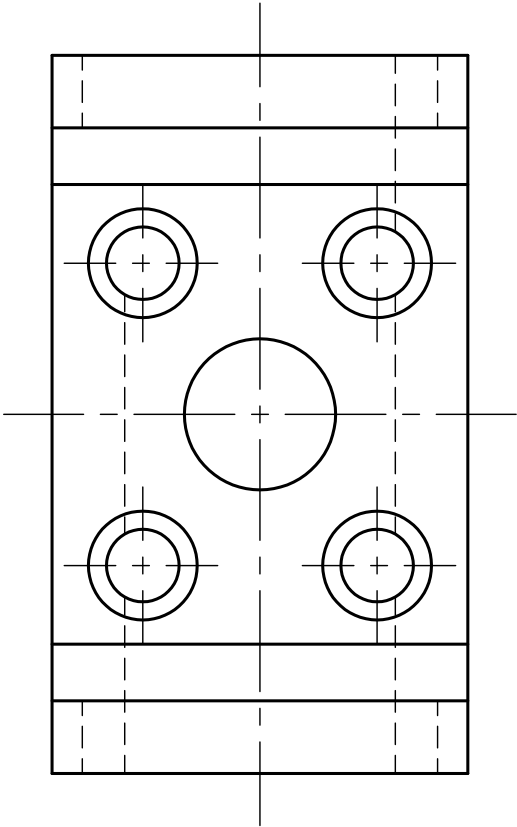
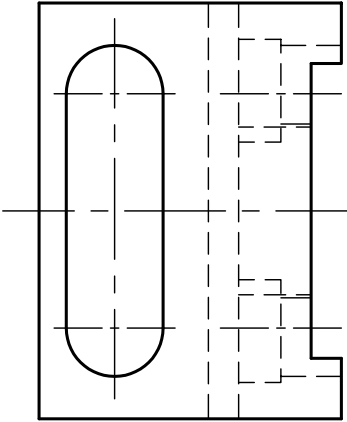
Nome _____ nº _____ Turma _____







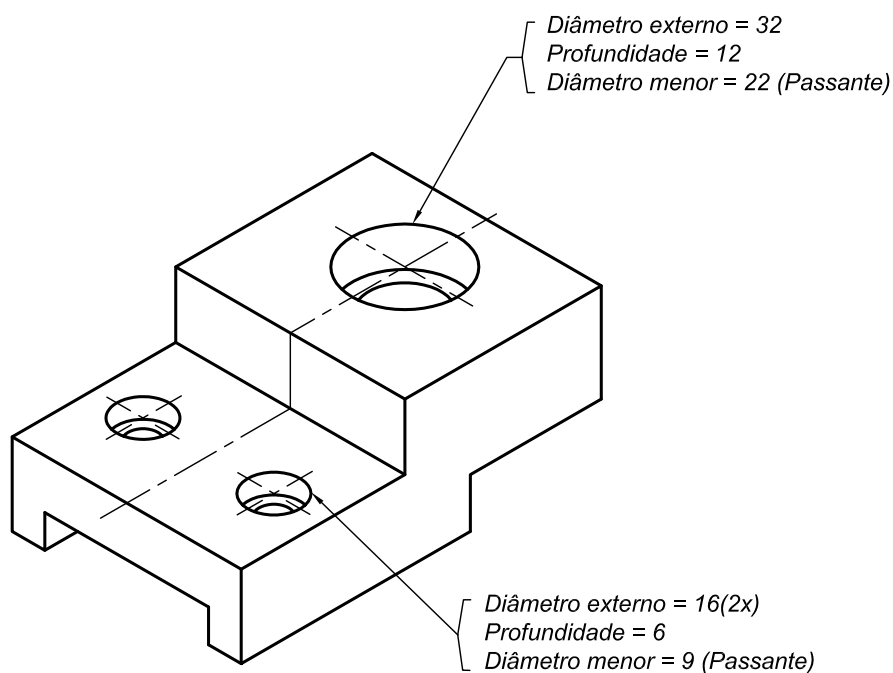
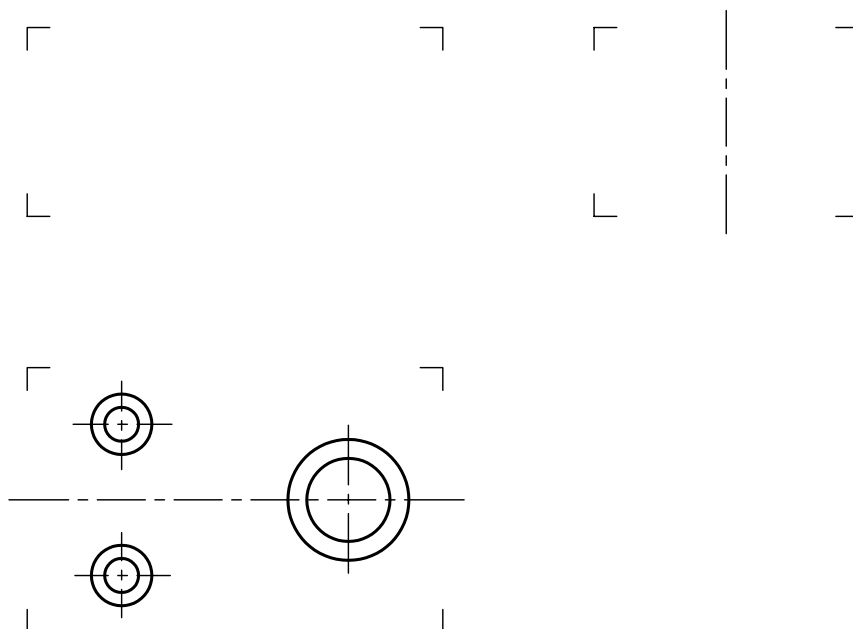



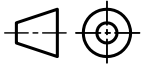
Desenhe a vista faltante aplicando o corte adequado.
Não é necessário cotar.



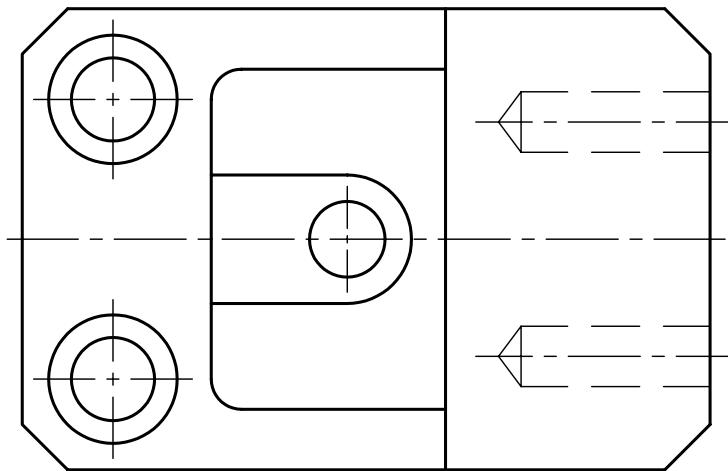
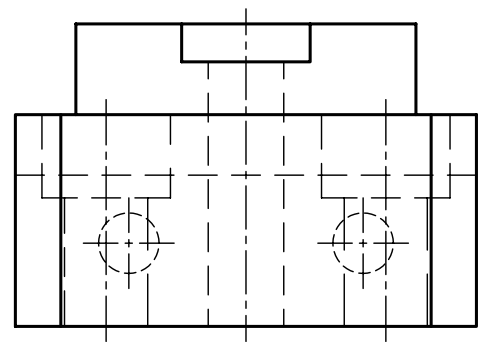
<div>SENAI</div> <div>São Paulo</div>	Título	CORTE COMPOSTO		 	Escala
	Aluno :	Nº		Data :	Turma :
	Professor: Luiz Carlos Duarte			C.F.P. : 1.01	Ex.nº K 01
	ESCOLA SENAI ROBERTO SIMONSEN				


Desenhe as projeções da peça abaixo aplicando o corte adequado na vista frontal.
Cote corretamente considerando que a mesma está desenhada em escala 1:2.
Retire as dimensões da própria perspectiva.

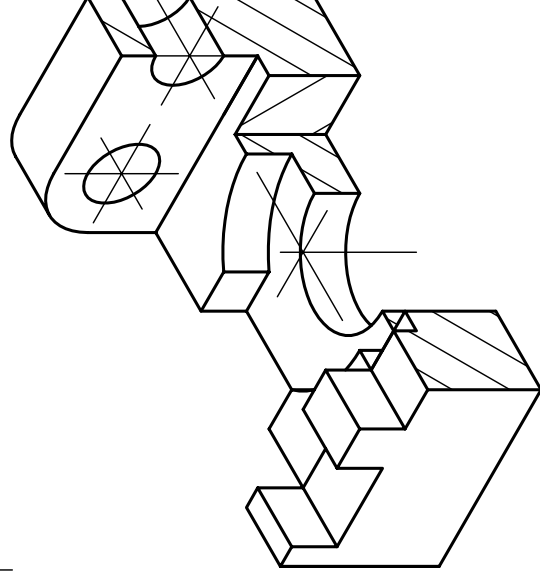
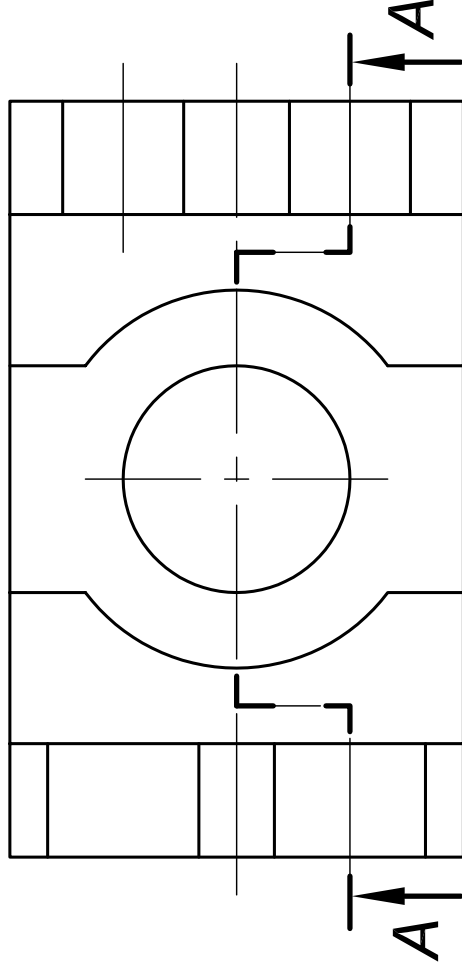
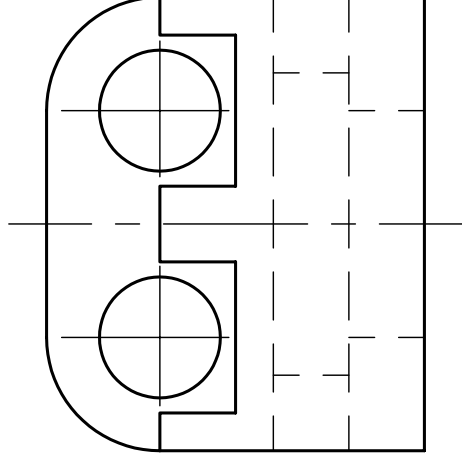


 SÃO PAULO	Título	CORTE COMPOSTO		Escala
	Aluno :	Nº		Turma :
	Professor: Luiz Carlos Duarte		C.F.P. : 1.01	Ex.nº K 02
	ESCOLA	SENAI	ROBERTO	SIMONSEN



Desenhar a vista frontal aplicando o Corte com desvio de translação.

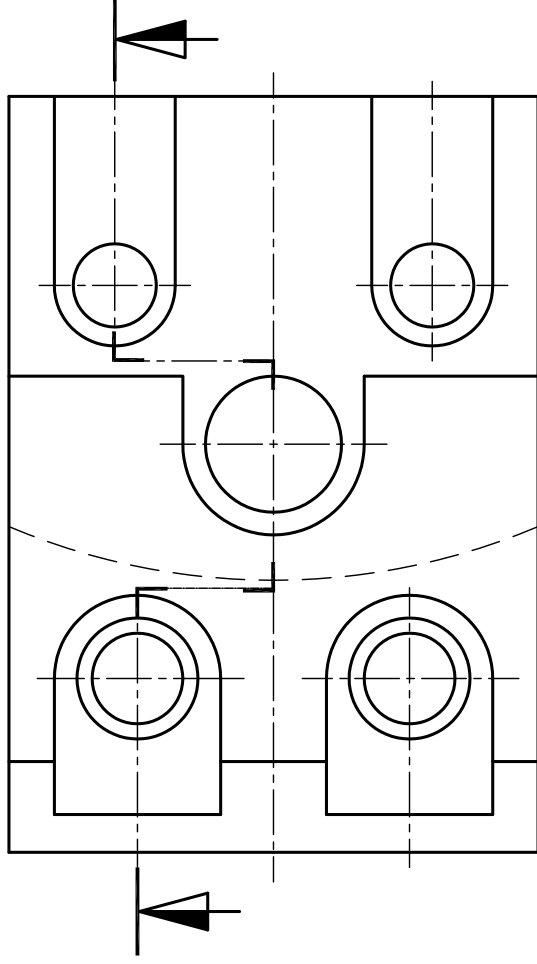
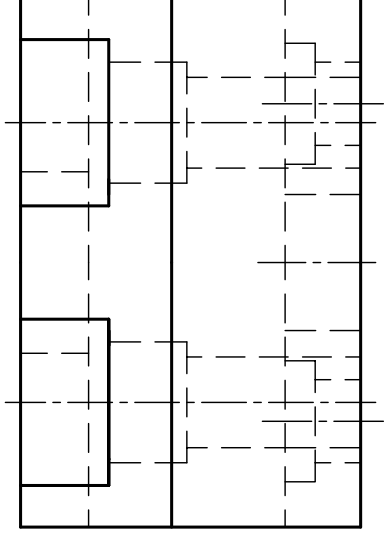


<div>SENAI</div> <div>São Paulo</div>	<div>Título</div> <div>CORTE COMPOSTO</div>	<div></div>	<div>Escala</div>
	<div>Aluno :</div> <div>Nº</div>	<div>Data :</div>	<div>Turma :</div>
	<div>Professor: Luiz Carlos Duarte</div>	<div>C.F.P. : 1.01</div>	<div>Ex.nº K03</div>
<div>ESCOLA SENAI ROBERTO SIMONSEN</div>			



Desenhe a vista frontal aplicando o corte composto indicado. Não cote.
 Refira as dimensões das vistas desenhadas. a perspectiva é apenas uma referência.

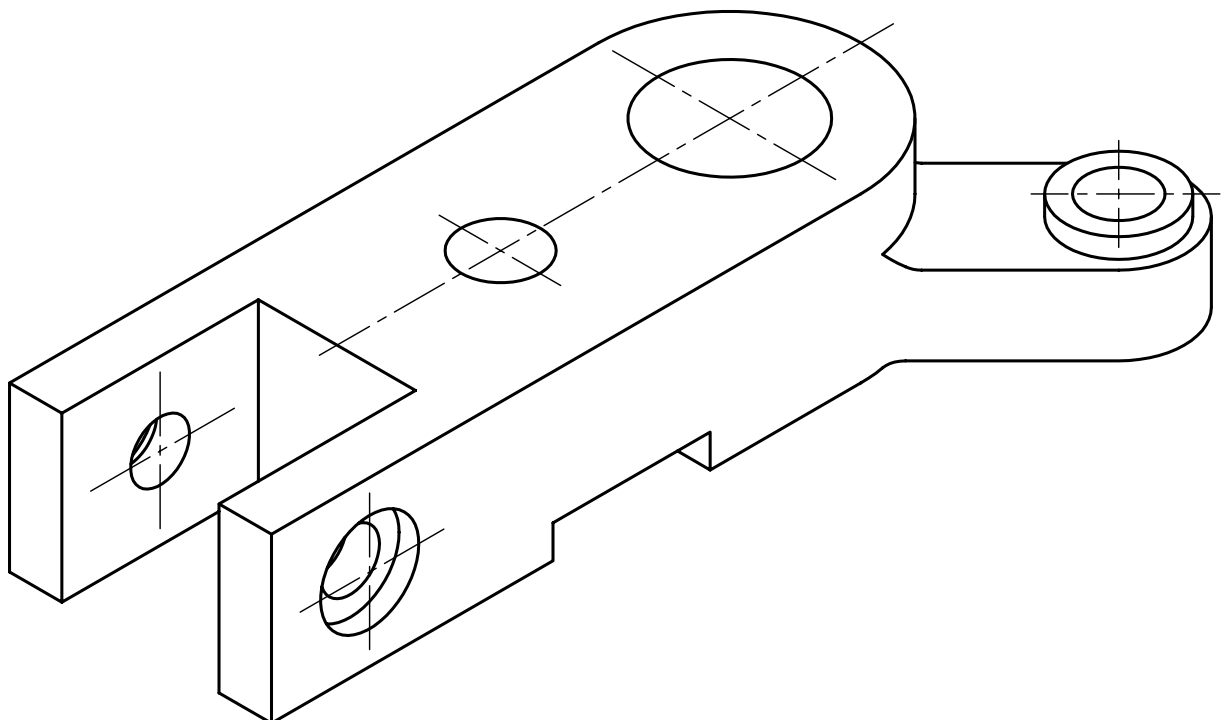
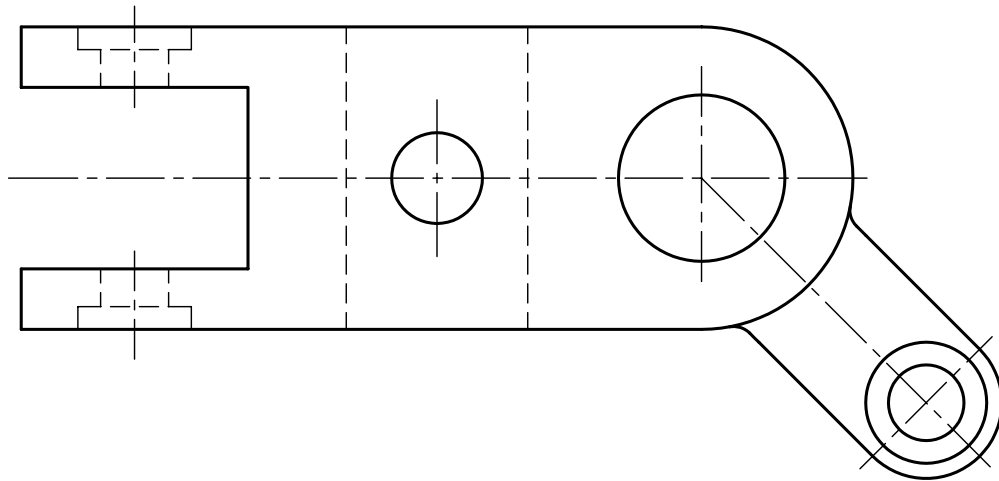
 São Paulo	Título		CORTE COMPOSTO		Escala
	Aluno :		Nº	Data :	Turma :
	Professor: Luiz Carlos Duarte			C.F.P. : 1.01	Ex.nº K 04
ESCOLA		SENAI	ROBERTO	SIMONSEN	




SENAI São Paulo	Título	CORTE COMPOSTO		Escala
	Aluno :	Nº	Data :	Turma :
	Professor: Luiz Carlos Duarte		C.F.P. : 1.01	Ex.nº K 05
ESCOLA SENAI ROBERTO SIMONSEN				

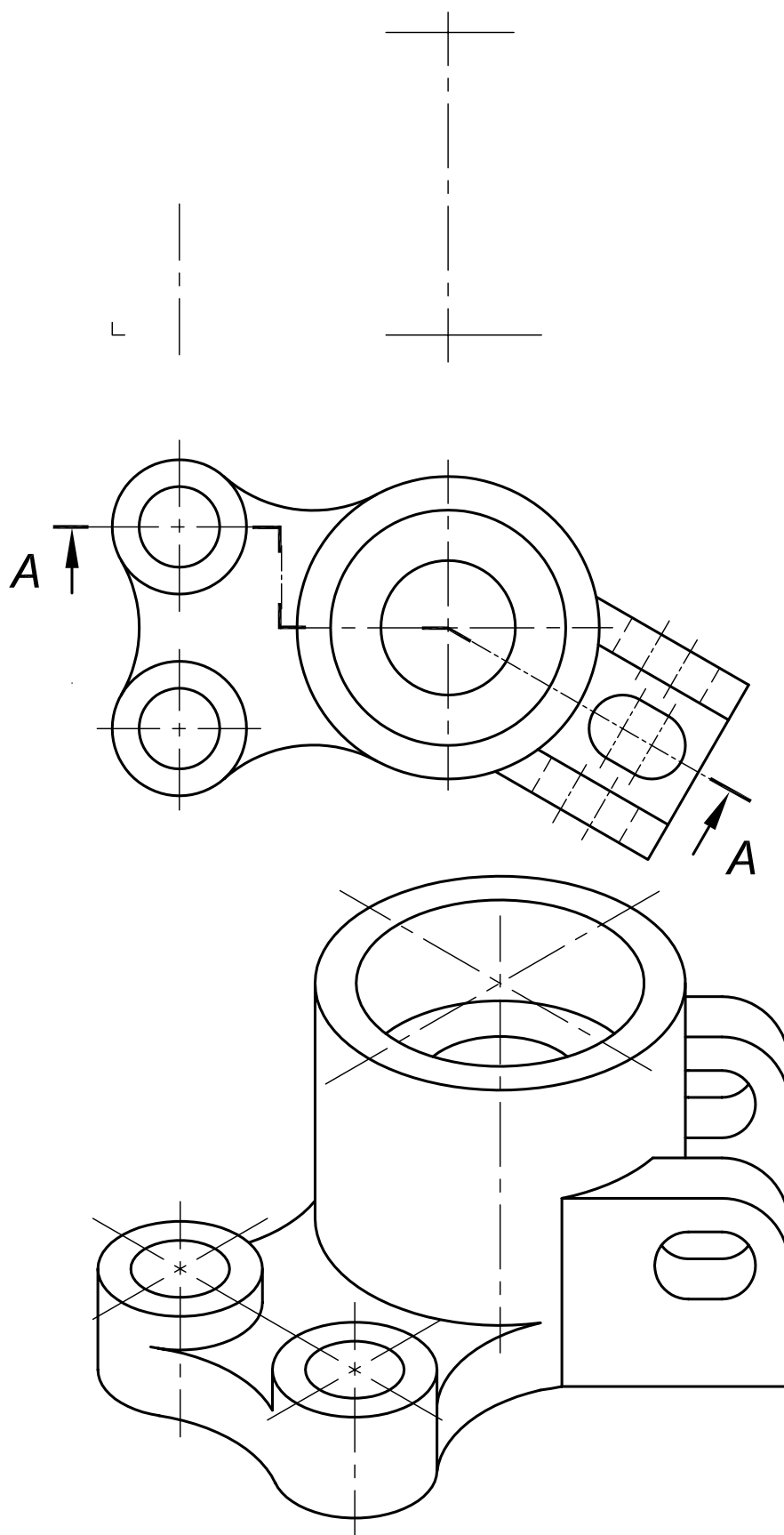
Complete a vista faltante aplicando o corte indicado.

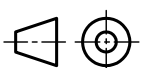
Desenhe a vista frontal aplicando o corte composto com desvio oblíquo.
Cote corretamente considerando que a perspectiva está desenhada em escala 1:2.

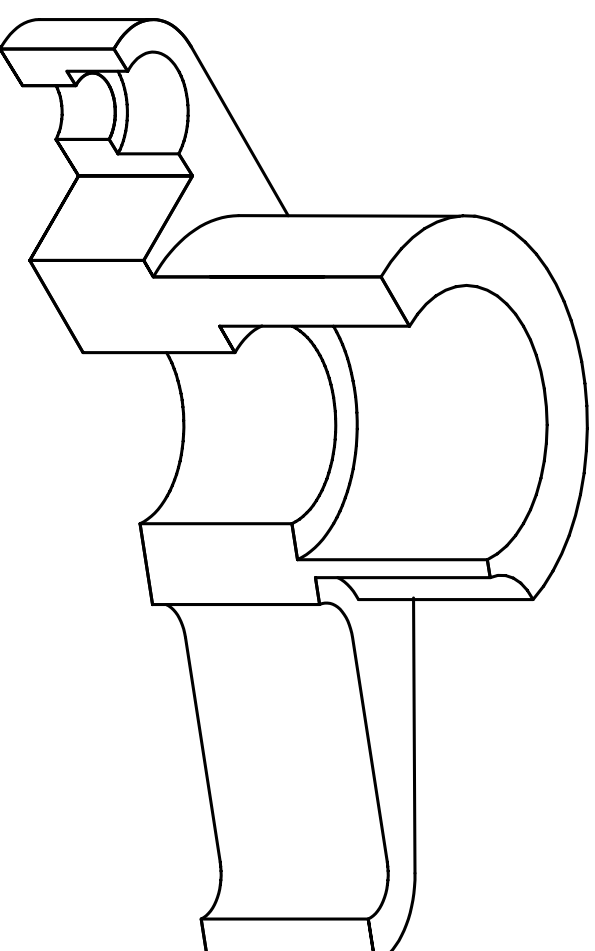
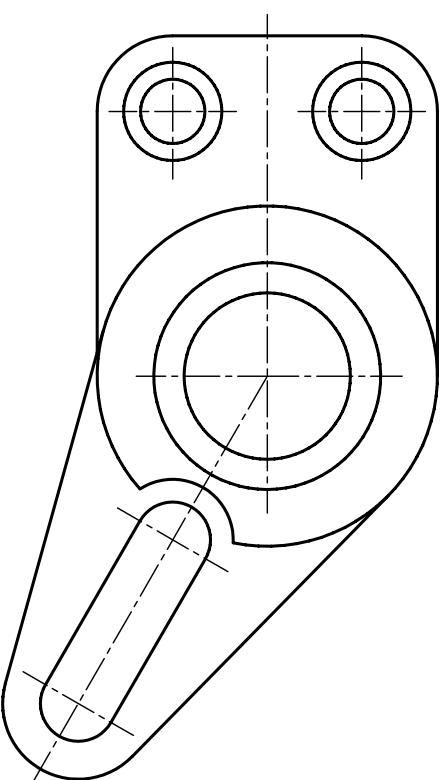
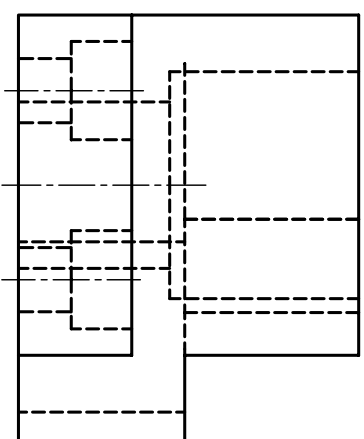


<div>SENAI</div> <div>São Paulo</div>	Título CORTE COMPOSTO			Escala
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Desenhe a vista frontal aplicando o corte indicado. Não é necessário cotar.



<div><div></div><div>SENAI</div><div></div></div> <div>São Paulo</div>	<div>Título</div> <div>CORTE COMPOSTO - OBLÍQUO</div>	<div></div>	<div>Escala</div>
	<div>Aluno :</div> <div>Nº</div>	<div>Data :</div>	<div>Turma :</div>
	<div>Professor: Luiz Carlos Duarte</div>	<div>C.F.P. : 1.01</div>	<div>Ex.nº L 02</div>
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Desenhe a vista frontal aplicando o corte composto adequado.

Retire as dimensões das vistas desenhadas. Não cote.



São Paulo

Título

CORTE COMPOSTO - OBLÍQUO



Escala

Aluno :

Nº

Data :

Turma :

Professor: Luiz Carlos Duarte

Ex.nº L 03

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Represente as furações roscadas abaixo de acordo com norma vigente, considerando que são roscas métricas.
Considere escala 1:1.

