

1-1 Lettering 字体练习

平			体
画			术
业			技
作			小
名			大
姓			寸
号			尺
学			小
图			大
程			动
工			自
院			何
学			几
际			件
国			零
学			计
大			设
天			高
航			宽
空			长
航			直
京			垂
北			行

1 2 3 4 5 6 7 8 9 0

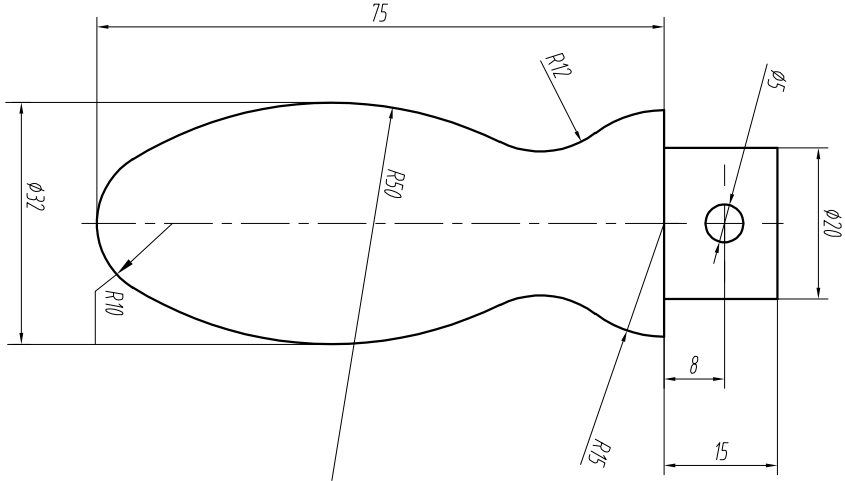
A vertical strip of handwriting practice paper. It features a series of slanted lines and dashed outlines for the letter 'A', designed for tracing and copying practice.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

a b c d e f g h i j k l m n o p q r s t u v w x y z

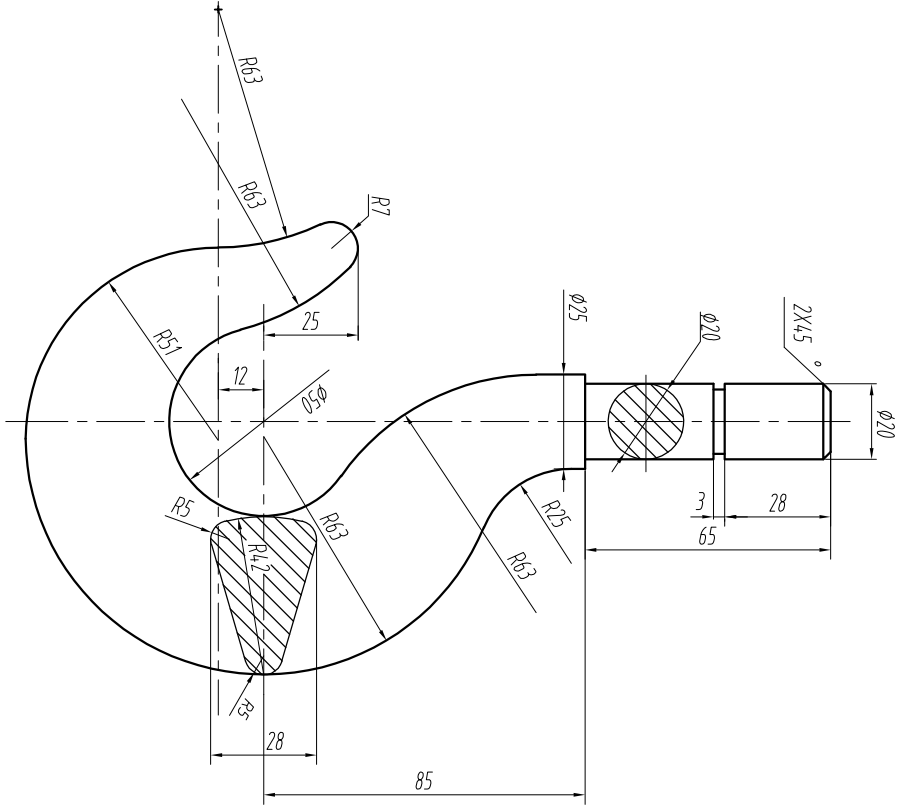
1-3-4

Draw the given drawing with dimensions on A4 paper, scale 2:1
在A4纸上画下图并标尺寸, 比例2:1

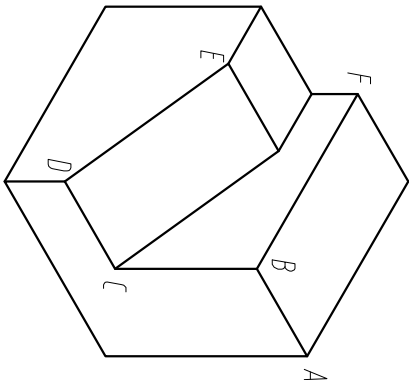
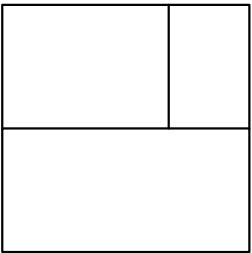
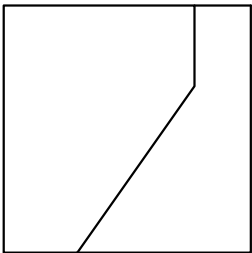
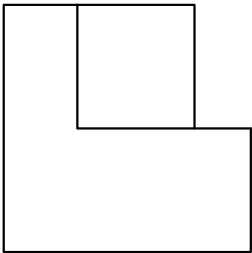


1-3-5

Draw the given drawing with dimensions on A4 paper, scale 1:1
在A4纸上画下图并标尺寸, 比例1:1



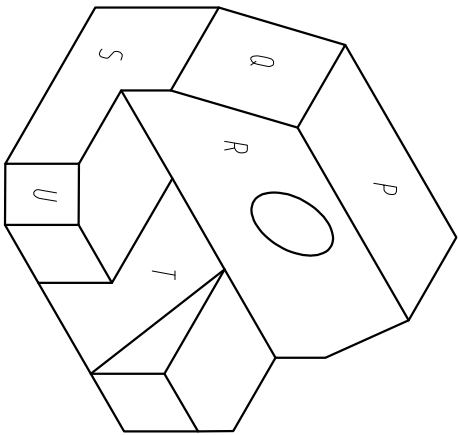
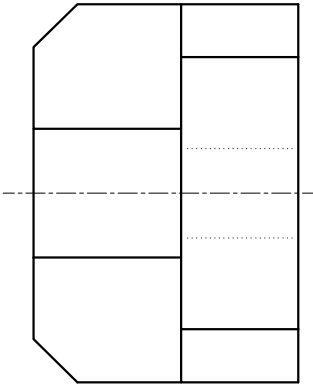
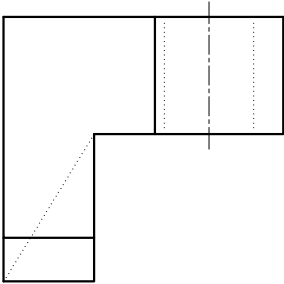
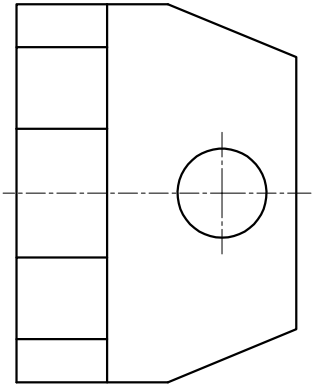
2-1 Projection of Points and lines 点和直线的投影
2-1-1 Point out the positions of point A,B,C,D,E,F in the three views and decide the position of line AB,BC,CD,DE,BF, 在三视图中标出点A,B,C,D,E,F 的三个投影, 并判断直线AB,BC,CD,DE,BF 的位置



AB: _____
BC: _____
CD: _____
DE: _____
BF: _____

2-2 Projection of planes 平面的投影

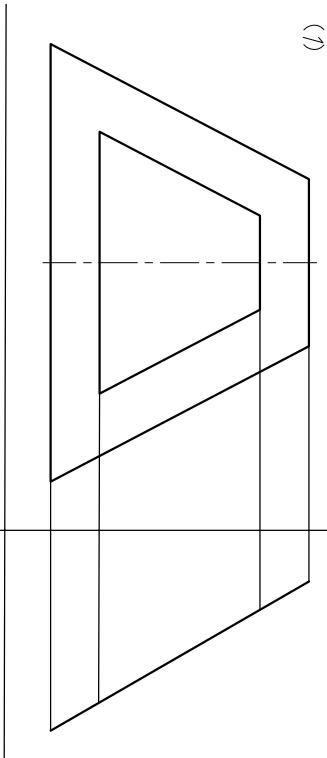
2-2-1 Point out the positions of planes P,Q,R,S,T,U in three views and decide the positions of each planes在三视图中标出平面 P,Q,R,S,T,U 的三个投影, 并判断平面位置



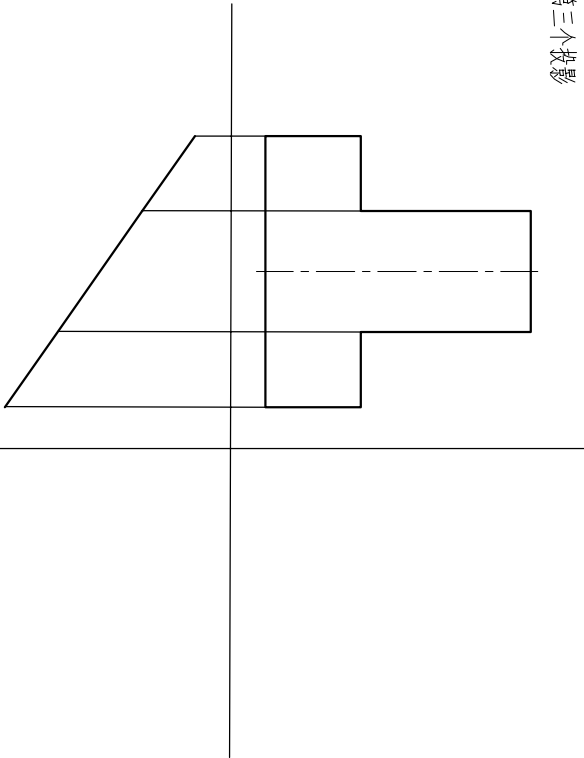
P: _____
Q: _____
R: _____
S: _____
T: _____
U: _____

2-2-2 Draw the third view by the given two views of planes 根据平面图形的两个投影画出第三个投影

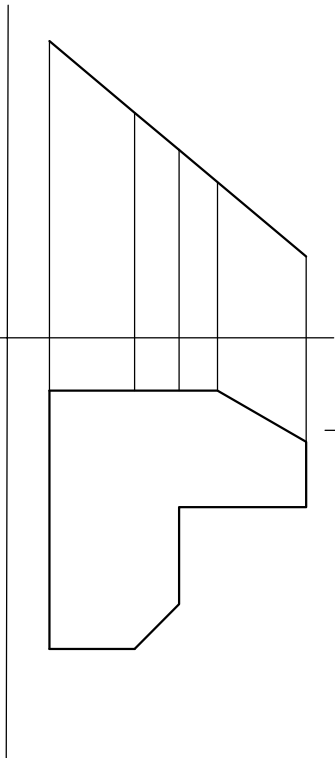
(1)



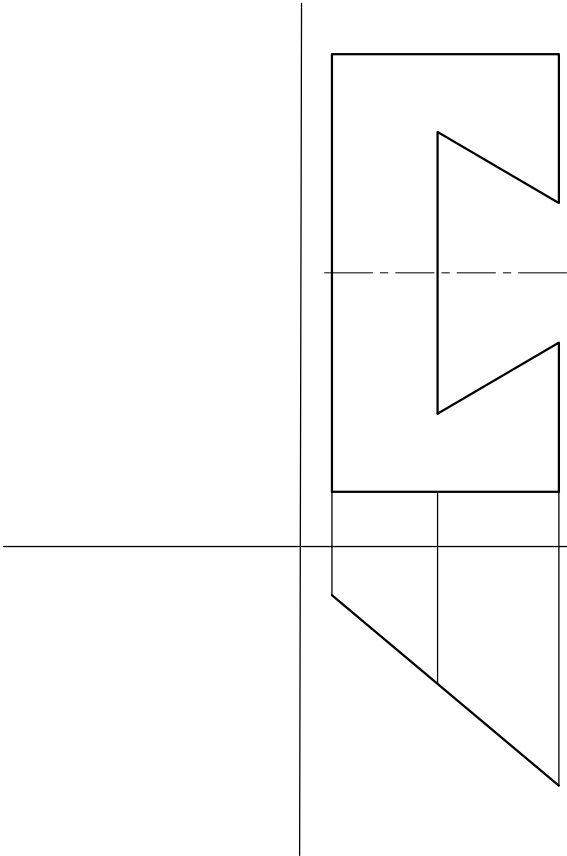
(2)



(3)

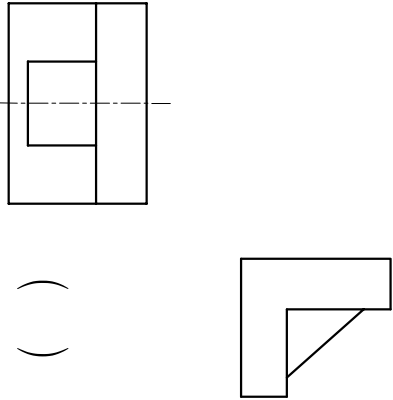
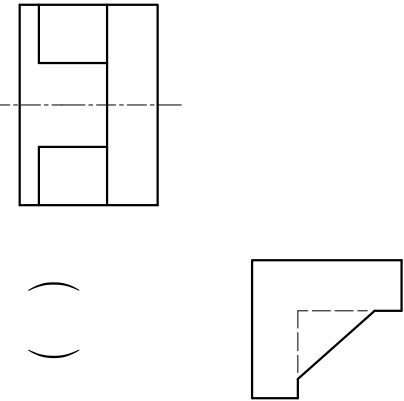
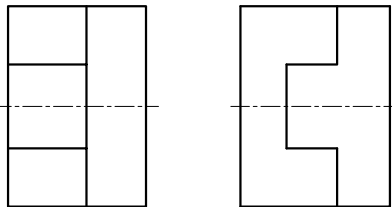
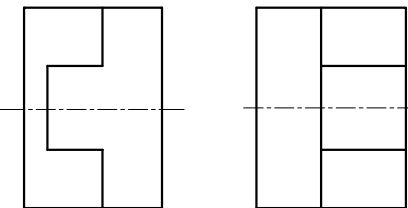
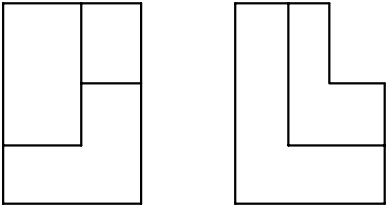
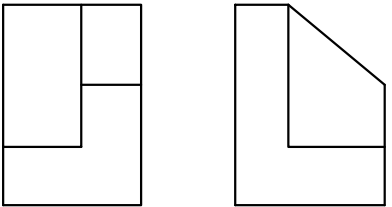
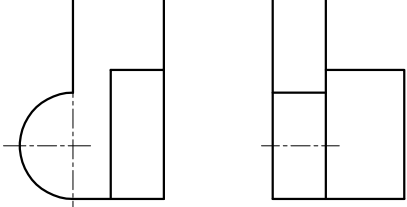
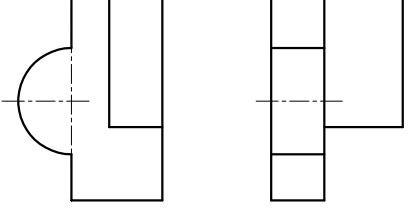


(4)

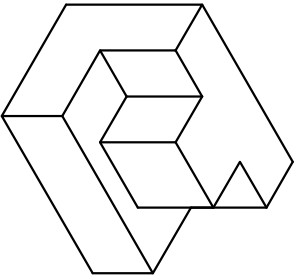
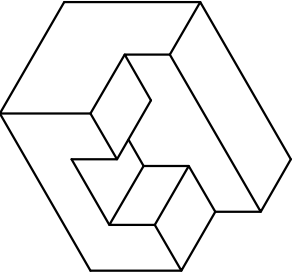
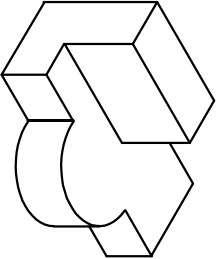
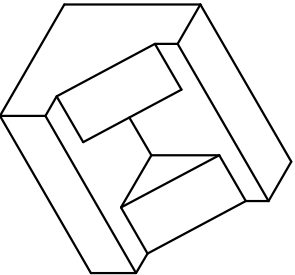
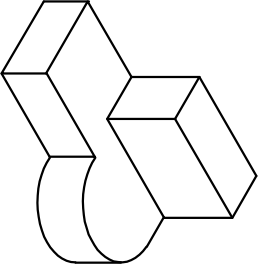
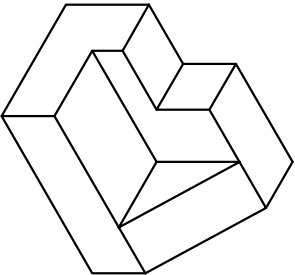
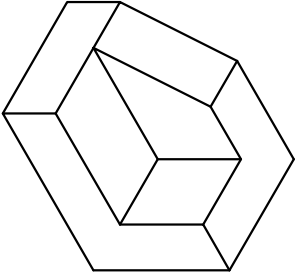
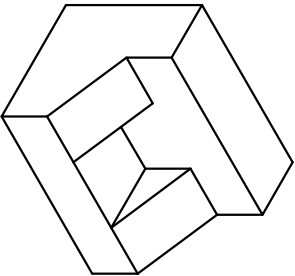
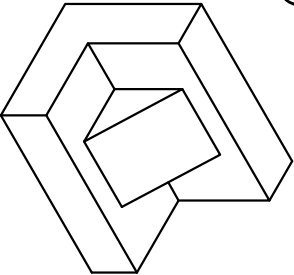
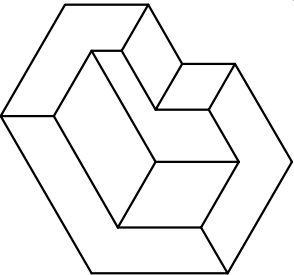
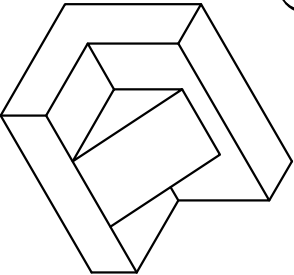
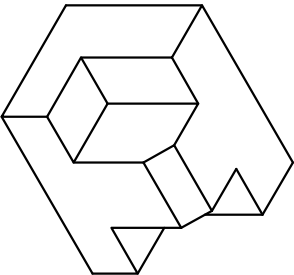


2-3 Projections of solids 立体的投影

2-3-1 Choose the solids from next page according to the given two views and draw the third views, 读题立体的两个视图, 在下页找出对应的立体, 并画出第三个视图

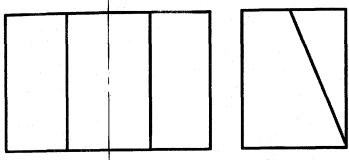
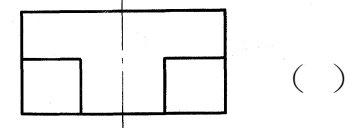
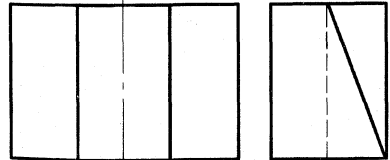
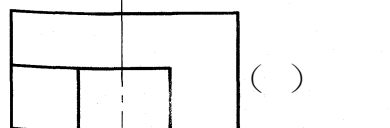
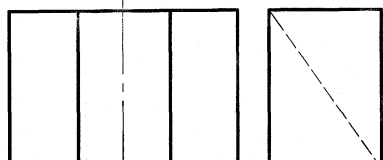
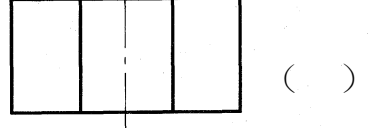
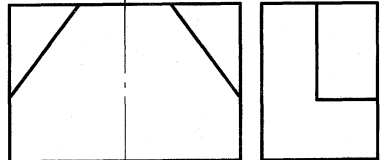
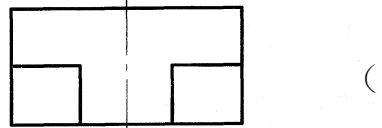
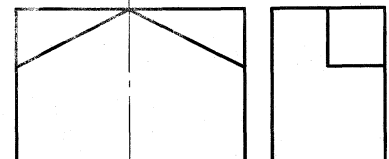
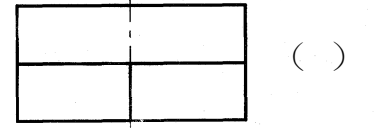
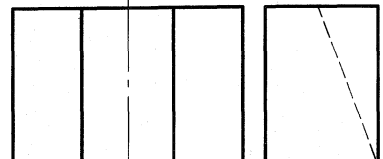
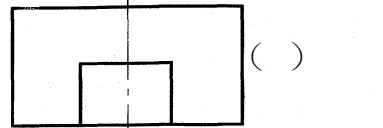
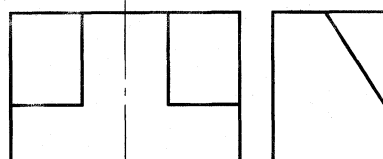
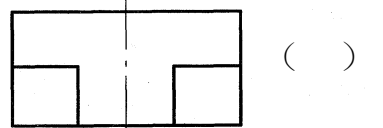
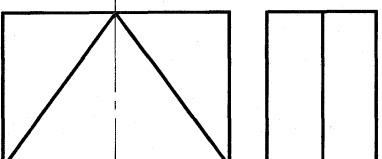
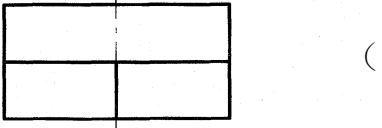
<p>(1)</p>  <p>()</p>	<p>(2)</p>  <p>()</p>	<p>(3)</p>  <p>()</p>	<p>(4)</p>  <p>()</p>
<p>(5)</p>  <p>()</p>	<p>(6)</p>  <p>()</p>	<p>(7)</p>  <p>()</p>	<p>(8)</p>  <p>()</p>

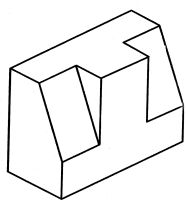
2-3 Projections of solids 立体的投影

(A)	(B)	(C)	(D)
			
(E)	(F)	(G)	(K)
			
(L)	(M)	(O)	(P)
			

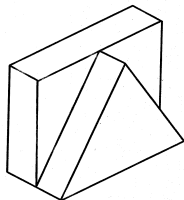
2-3 Projections of solids 立体的投影

2-3-1 Choose the solids for each three-views 找出与立体图相对应的三视图

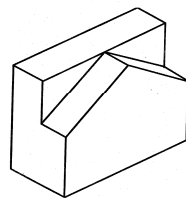
  ()	  ()	  ()	  ()
  ()	  ()	  ()	  ()



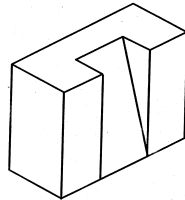
(1)



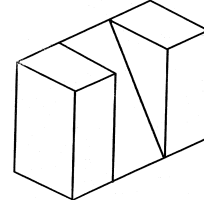
(2)



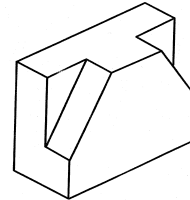
(3)



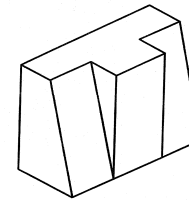
(4)



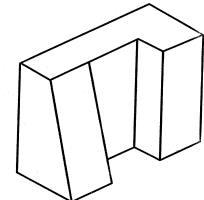
(5)



(6)



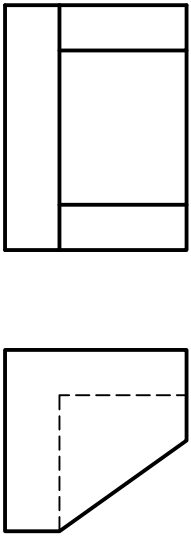
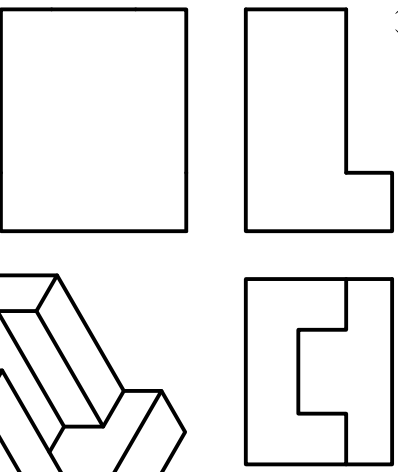
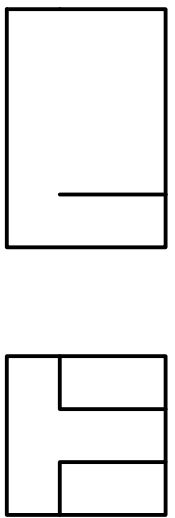
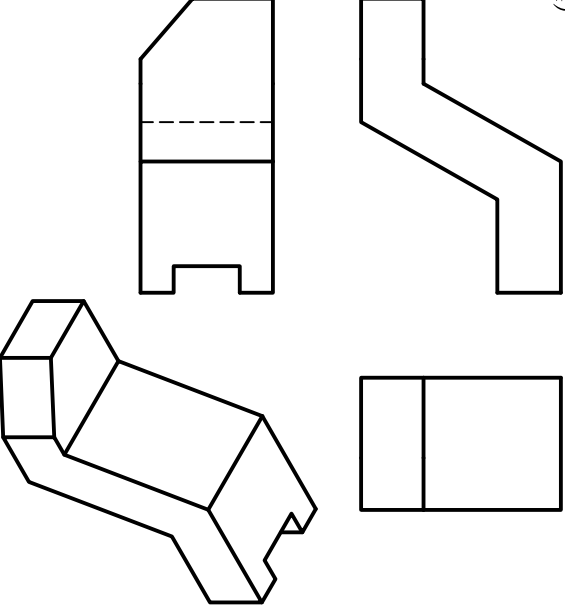
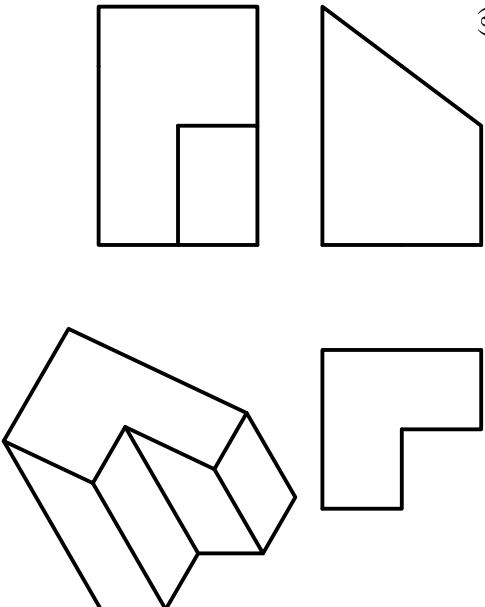
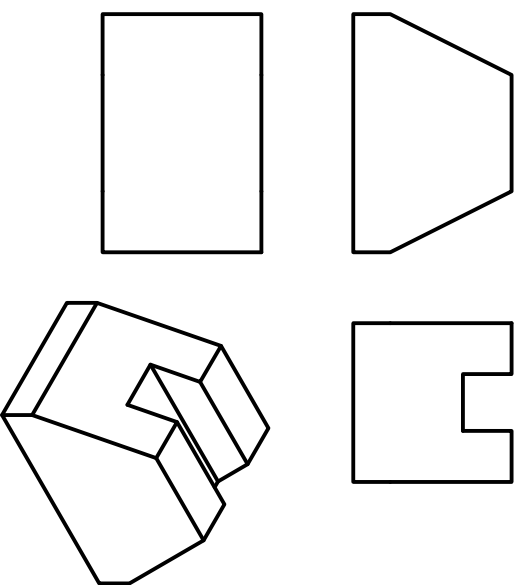
(7)



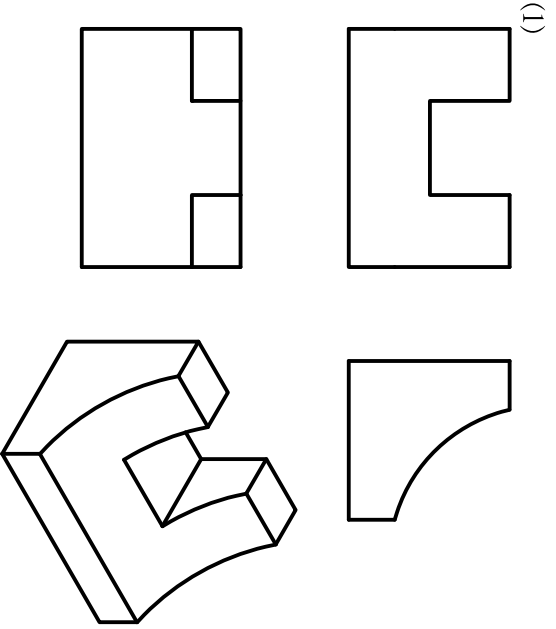
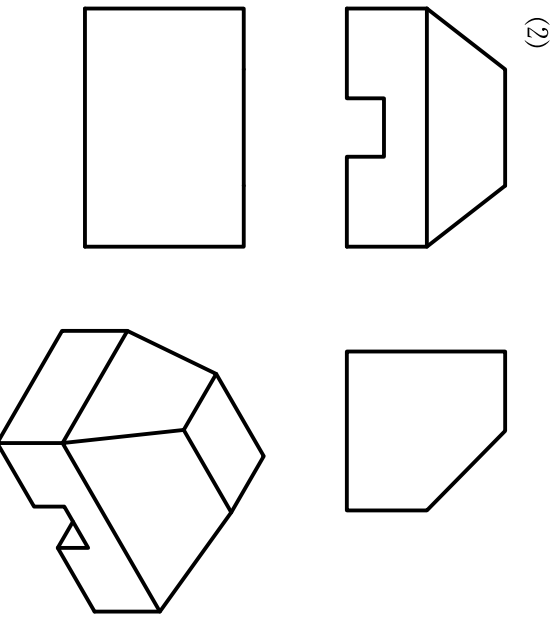
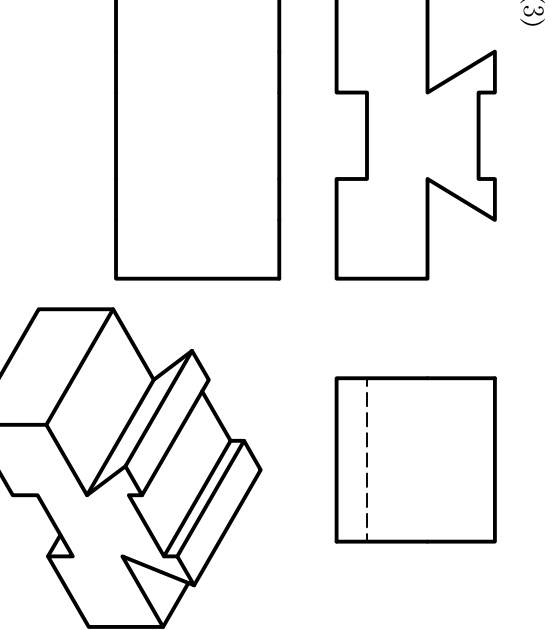
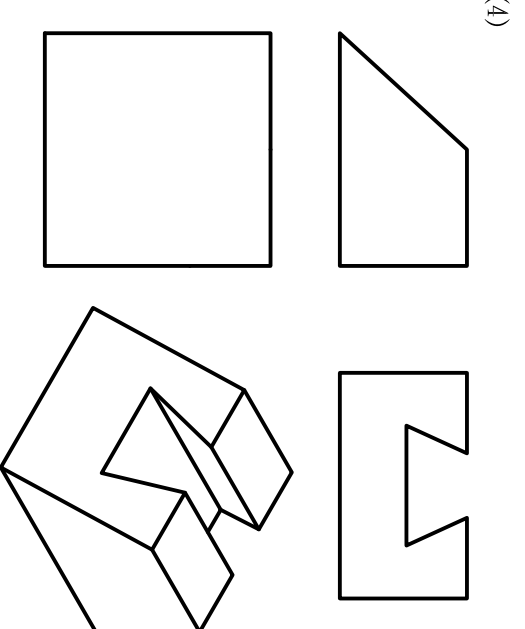
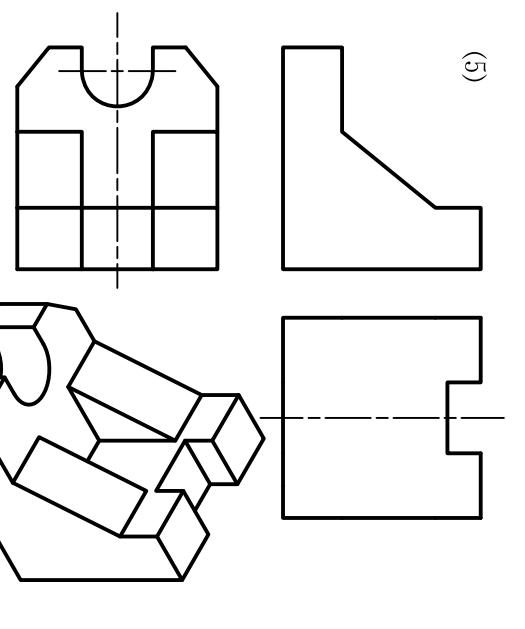
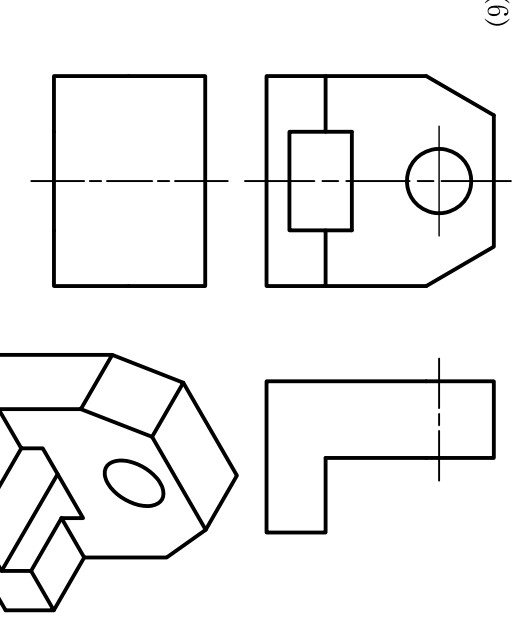
(8)

2-3 Projection of solids 立体的投影

2-3-2 Complete each views (add missing lines) 补全三视图中缺少的线

<p>(1)</p> 	<p>(2)</p> 	<p>(3)</p> 
<p>(4)</p> 	<p>(5)</p> 	<p>(6)</p> 

2-3-3 Complete each views (add missing lines) 补全三视图中缺少的线

<p>(1)</p> 	<p>(2)</p> 	<p>(3)</p> 
<p>(4)</p> 	<p>(5)</p> 	<p>(6)</p> 

3-1 Projections of primitives 基本体投影

3-1-1 Draw the third views of the solids and locate the positions of all points in three views. 作立体的第三视图，并补全体表面上点的其余两投影。

(1)

(2)

(3)

(4)

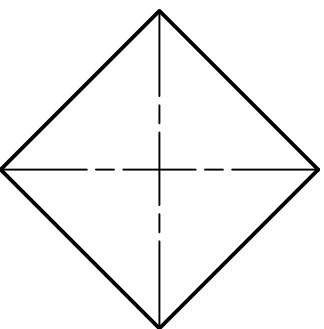
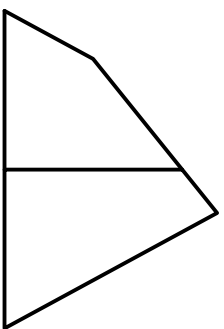
(5)

(6)

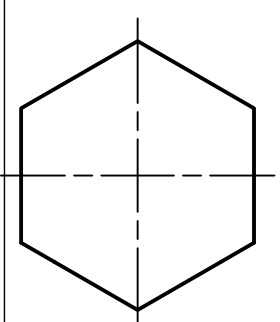
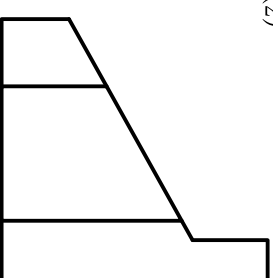
3-2 Cutting of solids 切割型立体

3-2-1 Complete top view (add missing lines) and draw left view by given front views: 补全所给视图并画出第三视图

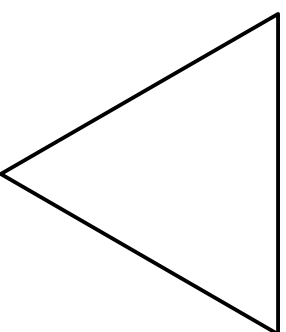
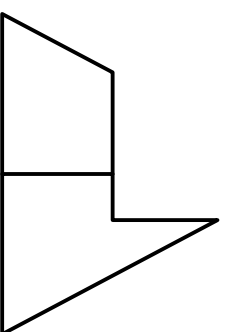
(1)



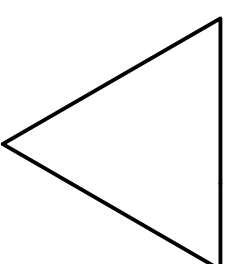
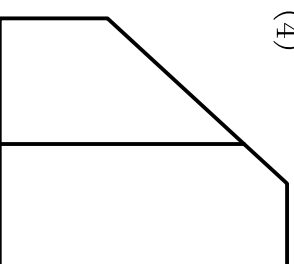
(2)



(3)

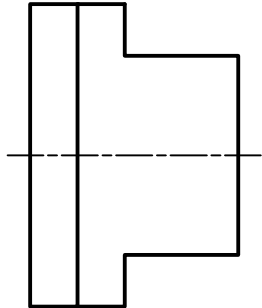


(4)

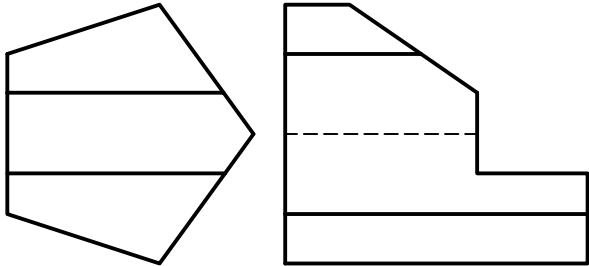


3-2-2 Draw third view by given two views 根据所给两视图画第三视图

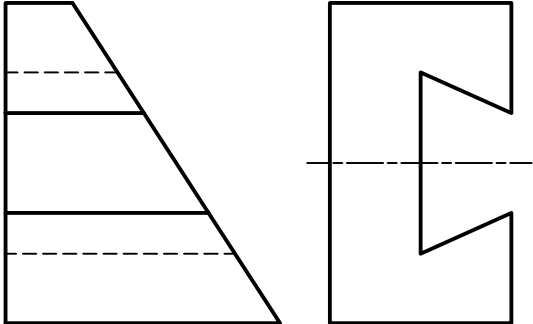
(1)



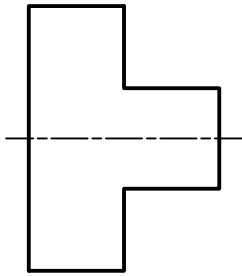
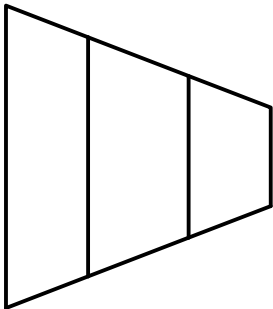
(2)



(3)

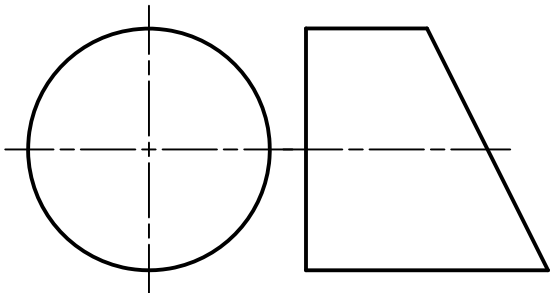


(4)

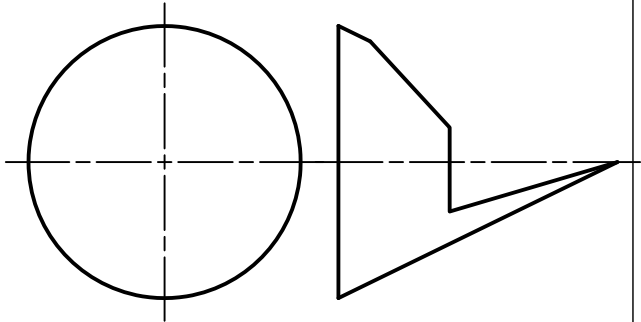


3-2-3 Complete the given views (add missing lines) and draw third view; 补全所给视图，并画第三视图

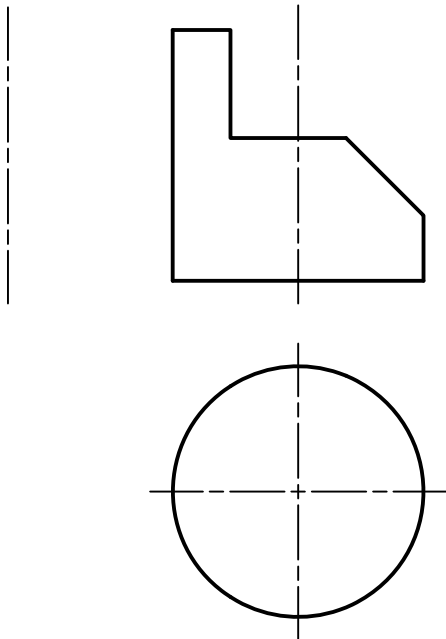
(1)



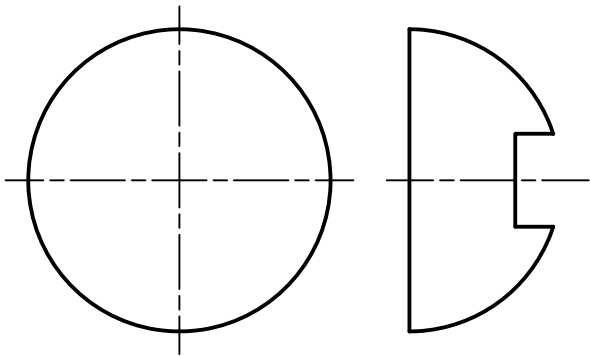
(2)



(3)

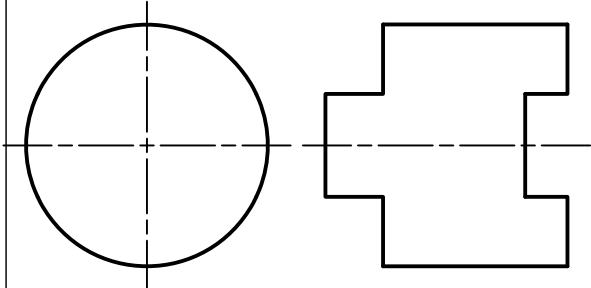


(4)

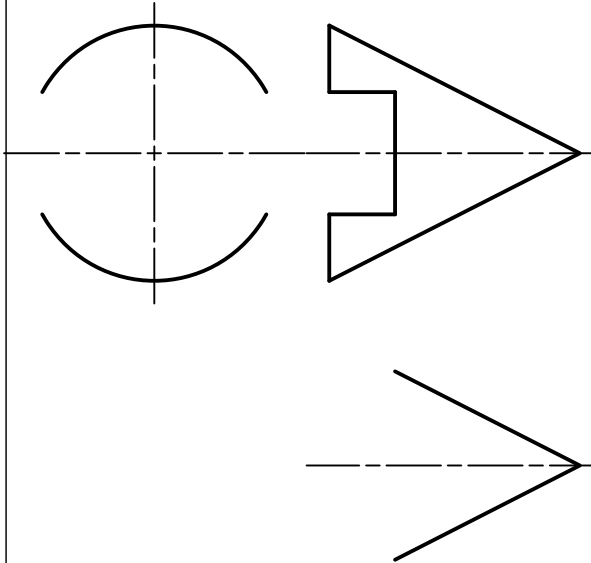


3-2-4 Complete the given views (add missing lines) and draw third view; 补全所给视图，并画第三视图

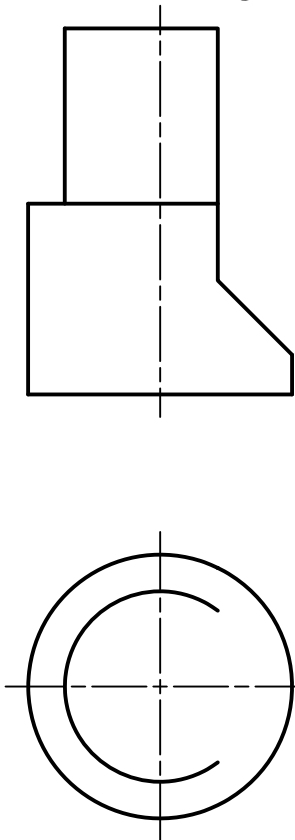
(1)



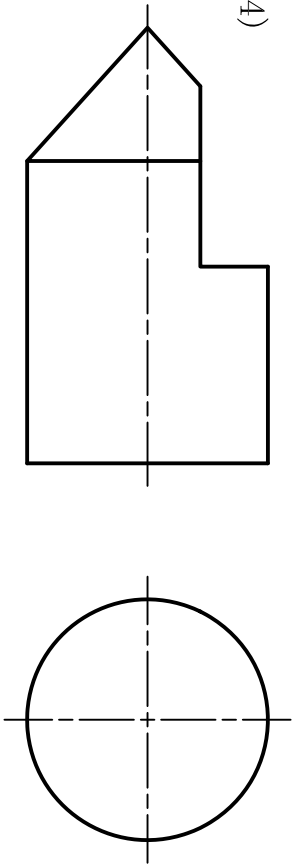
(2)



(3)



(4)



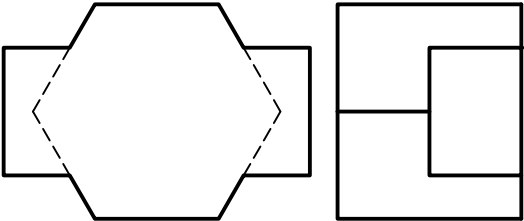
3-2-5 Complete the given views (add missing lines) and draw third view; 补全所给视图，并画第三视图

<p>(1)</p>	<p>(2)</p>	<p>(3)</p>
<p>(4)</p>	<p>(5)</p>	<p>(6)</p>

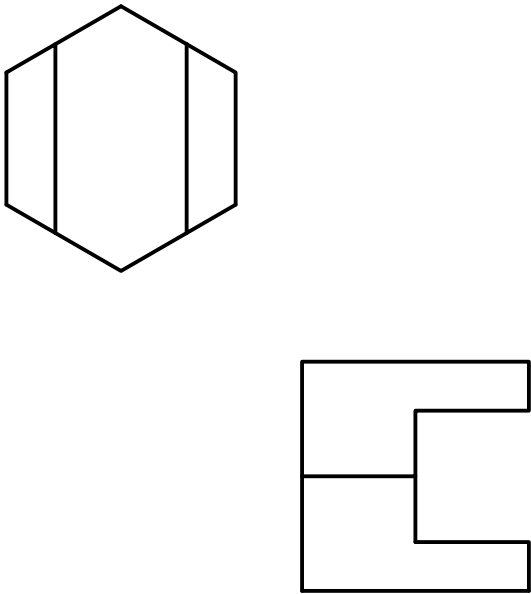
3-3 Intersection of solids 相贯型立体

3-3-1 Draw the third view by given two views: 画出第三视图

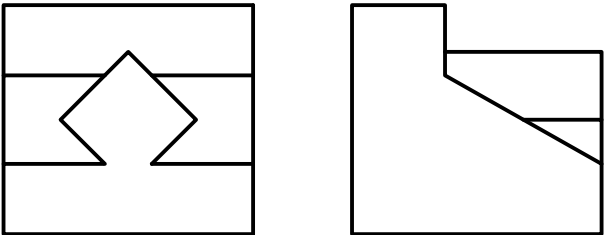
(1)



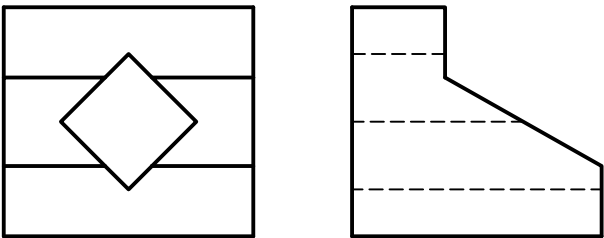
(2)



(3)

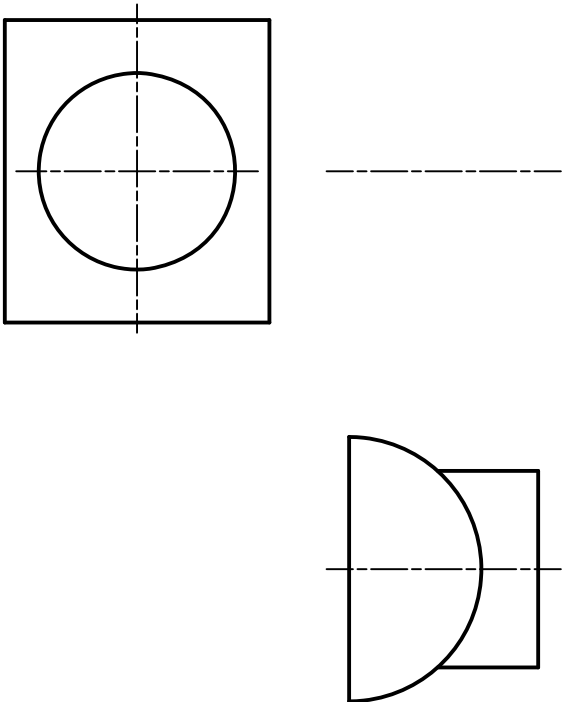


(4)

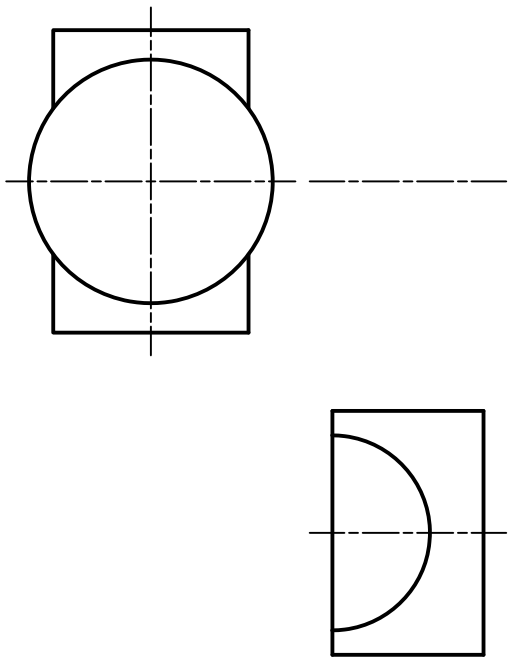


3-3 Intersection of solids 相贯型立体
3-3-2 Draw the third view by given two views; 画出第三视图

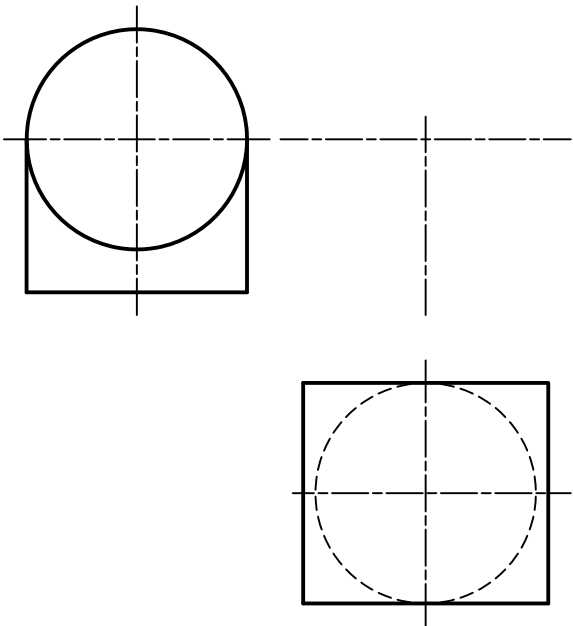
(1)



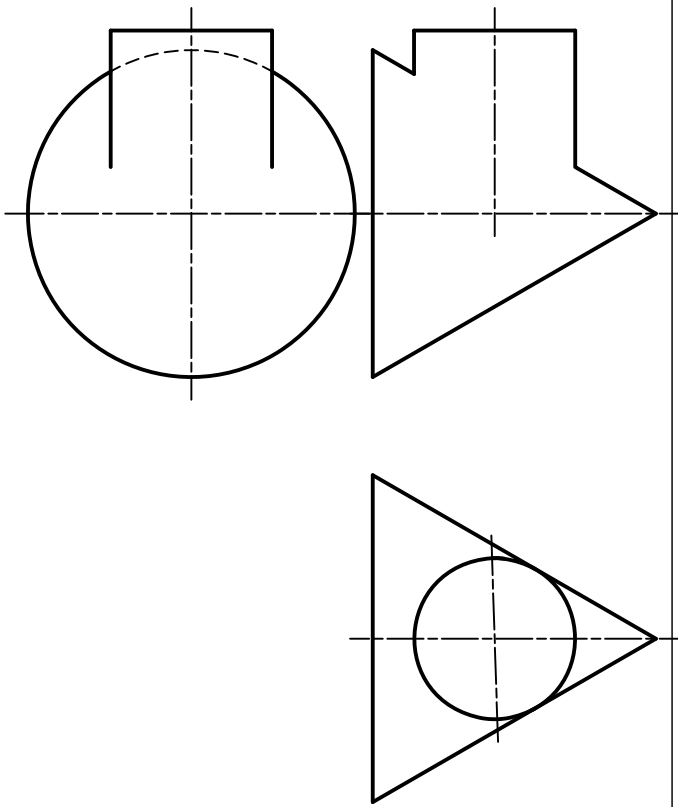
(2)



(3)

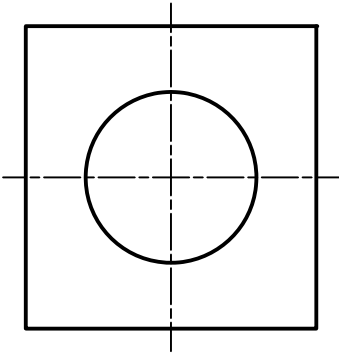
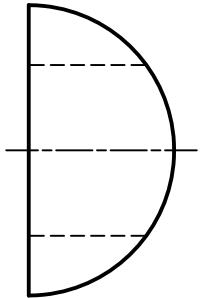


(4)

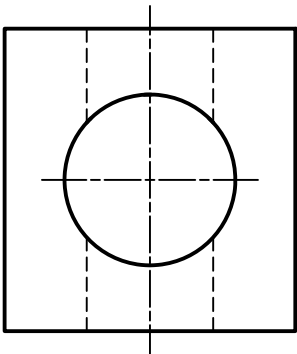
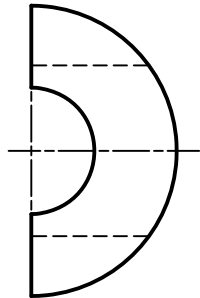


3-3 Intersection of solids 相贯型立体
3-3-3 Draw the third view by given two views; 画出第三视图

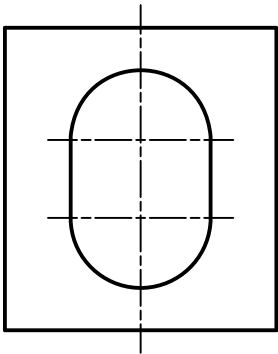
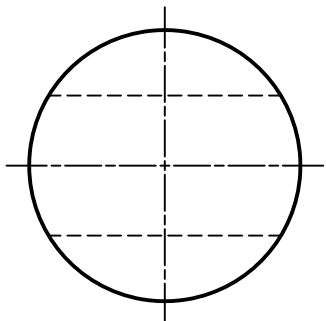
(1)



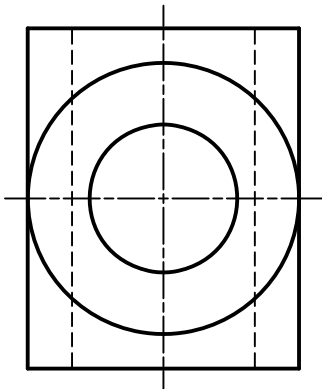
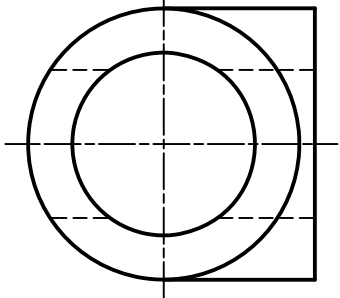
(2)



(3)

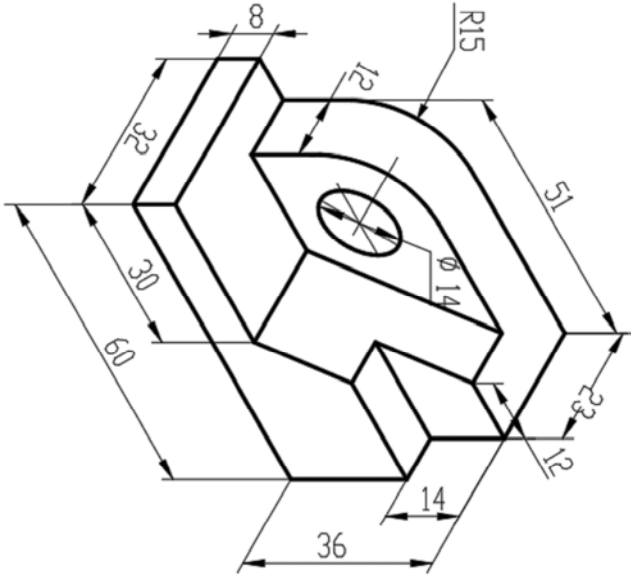


(4)

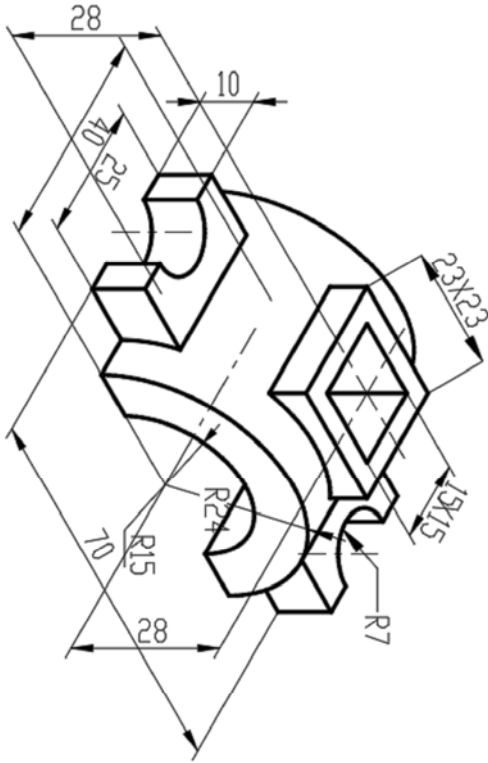


4-1 Draw the three views by pictorial drawing: 根据物体的立体图画出三视图

(1)

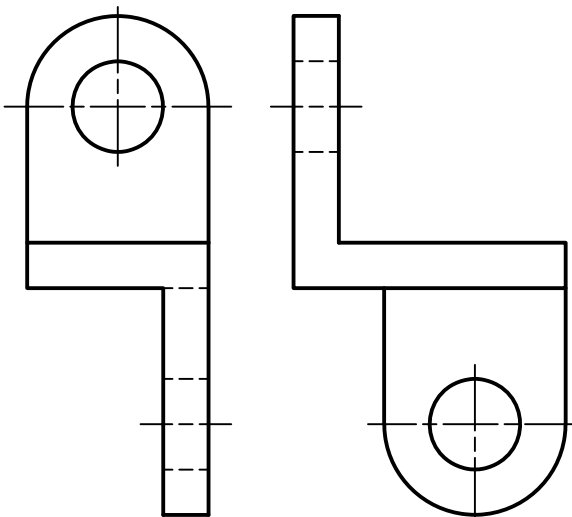


(2)

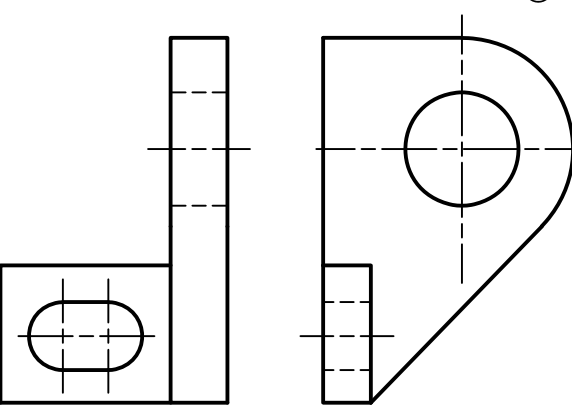


4.2 Complete the third views by given views(hidden lines by dash linetype); 根据物体所给视图，画出第三视图（包括虚线）

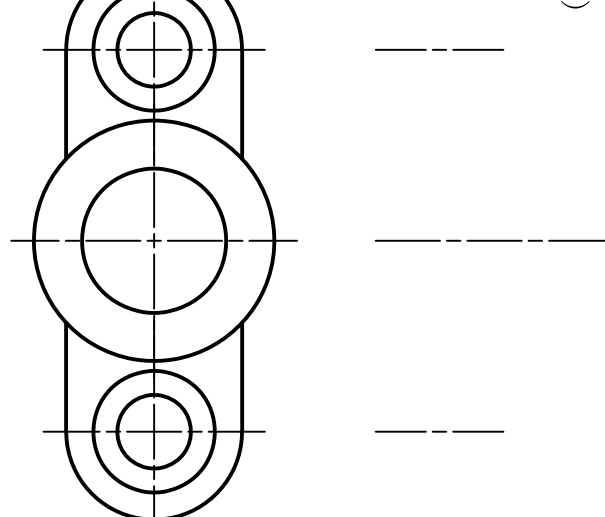
(1)



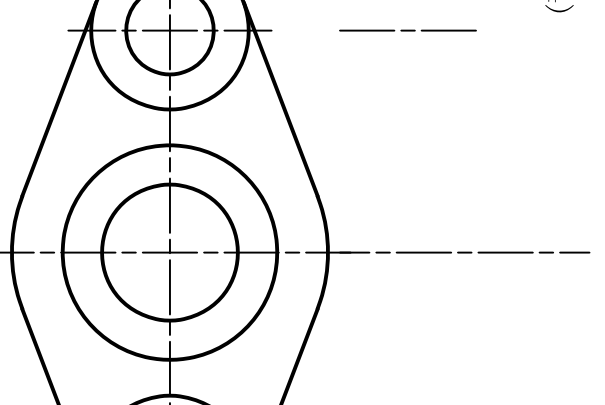
(2)



(3)



(4)

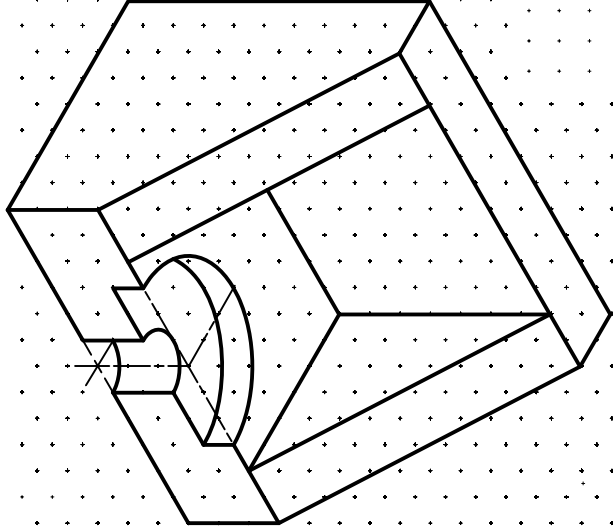


4.3 Complete the third views by given views(hidden lines by dash linetype); 根据物体所给视图，画出第三视图（包括虚线）

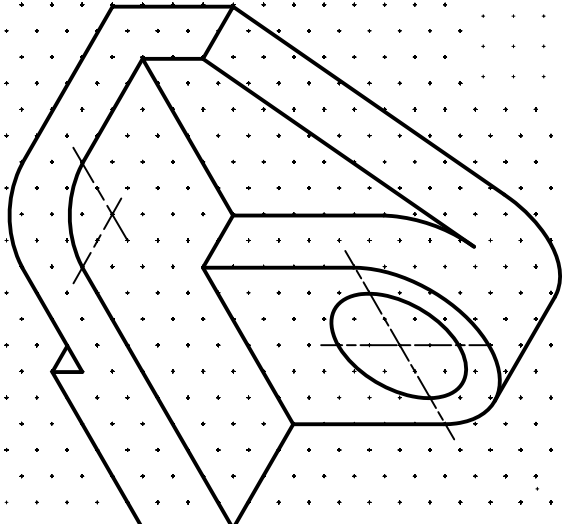
<div data-bbox="1141 174 1348 640"><p>(1)</p></div>	<div data-bbox="1129 1200 1343 1630"><p>(2)</p></div>
<div data-bbox="438 192 726 573"><p>(3)</p></div> <div data-bbox="124 224 363 595"></div>	<div data-bbox="422 1205 710 1626"><p>(4)</p></div> <div data-bbox="146 1272 386 1648"></div>

4.4 Draw FREEHAND the three views by given pictorial views(hidden lines by dash linetype); 根据立体图, 徒手画三视图(包括虚线)

(1)

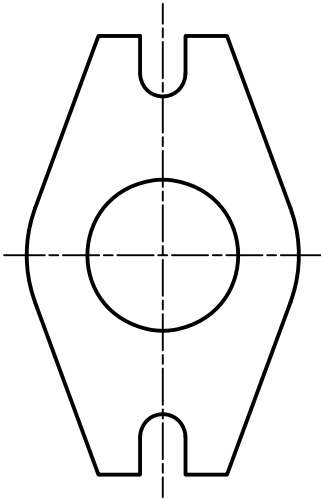


(2)

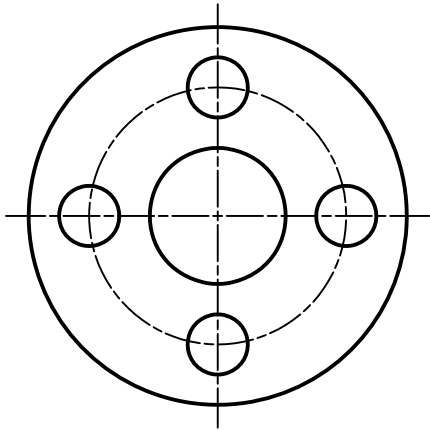


5.1 Dimensioning of Plane Figures; 标注平面图形的尺寸

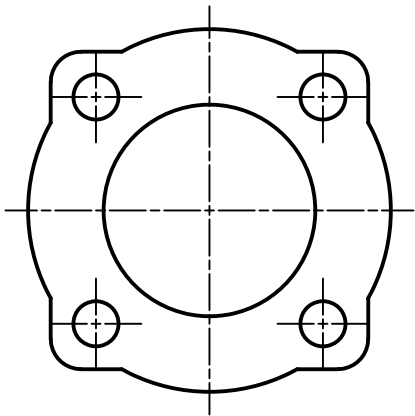
(1)



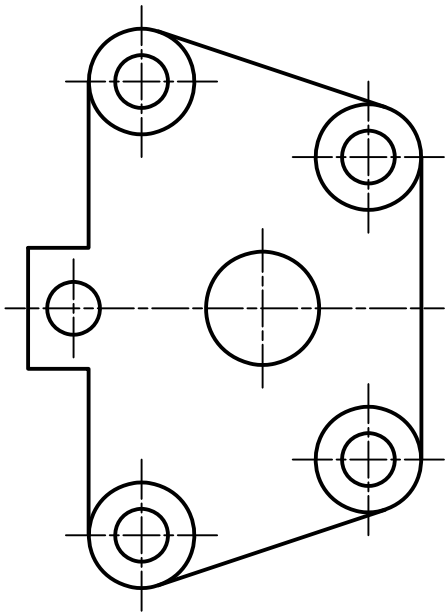
(2)



(3)

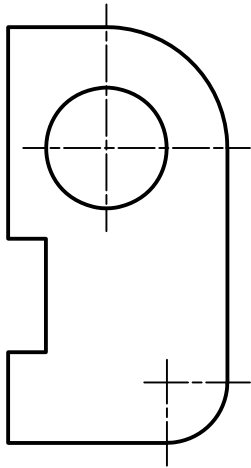


(4)

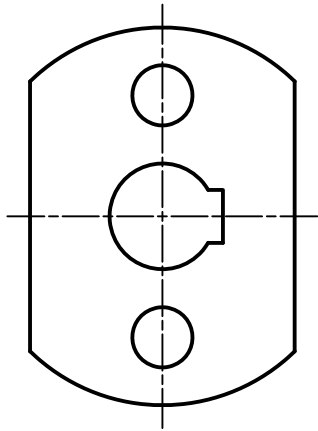


5.2 Dimensioning of Plane Figures; 标注平面图形的尺寸

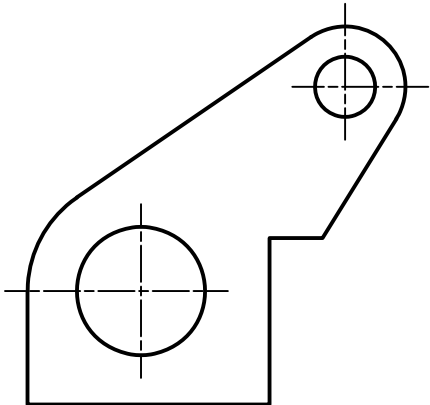
(1)



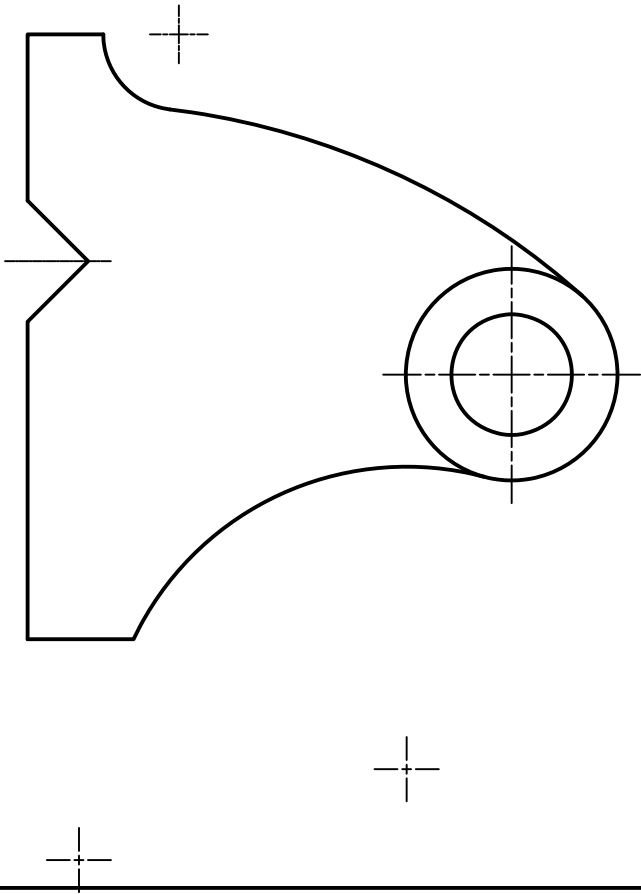
(2)



(3)

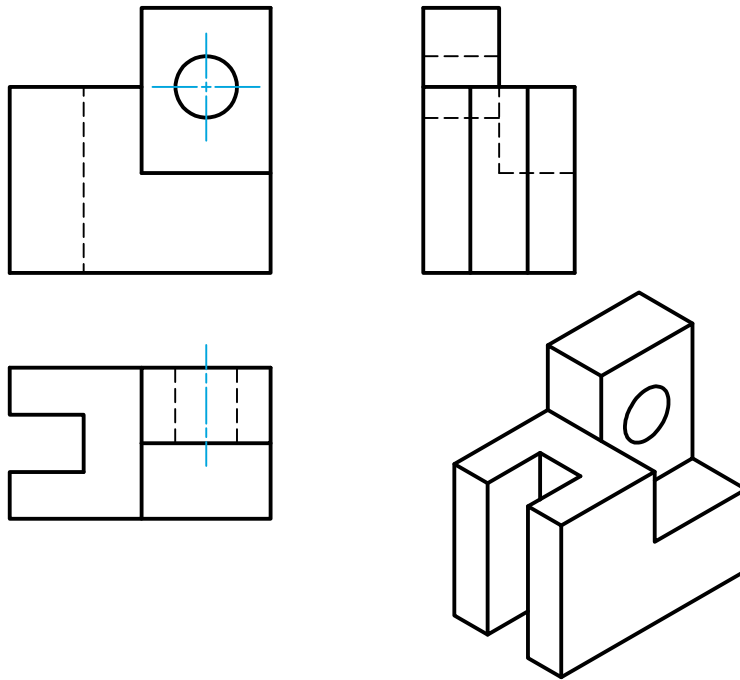


(4)



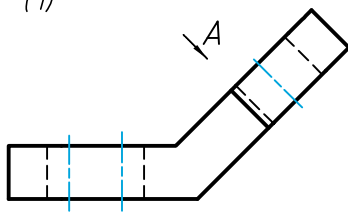
6.1 Complete the other three basic views; 完成其余三个基本视图

(1)

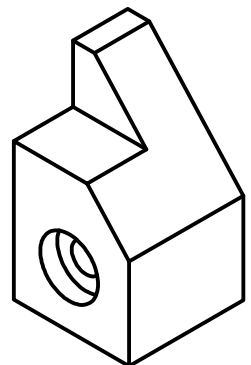
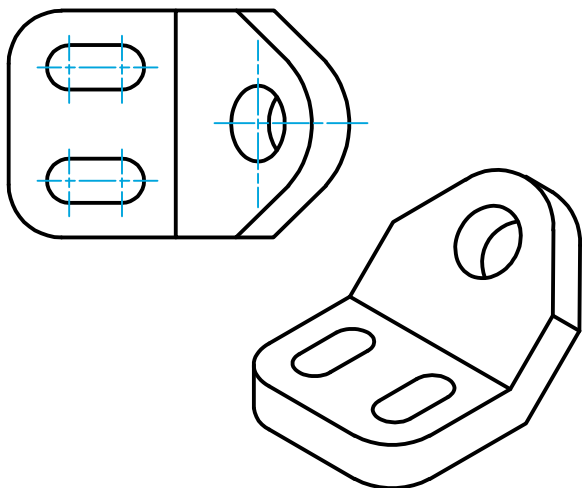
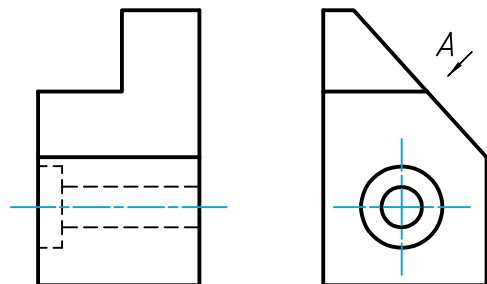


6.2 Draw auxiliary views A to show the true shape; 画A向视图表达真形

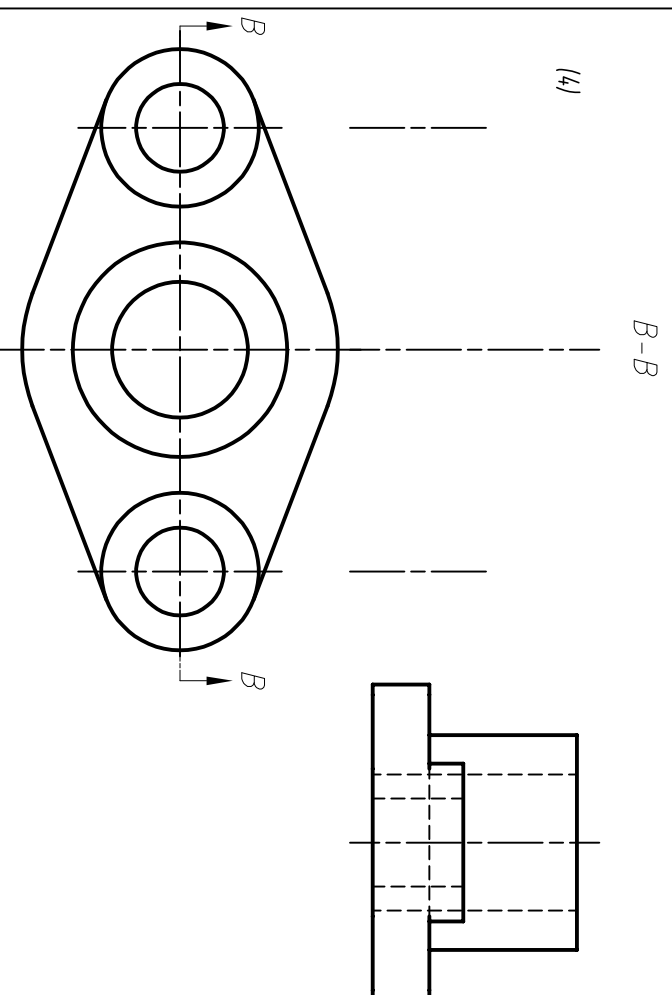
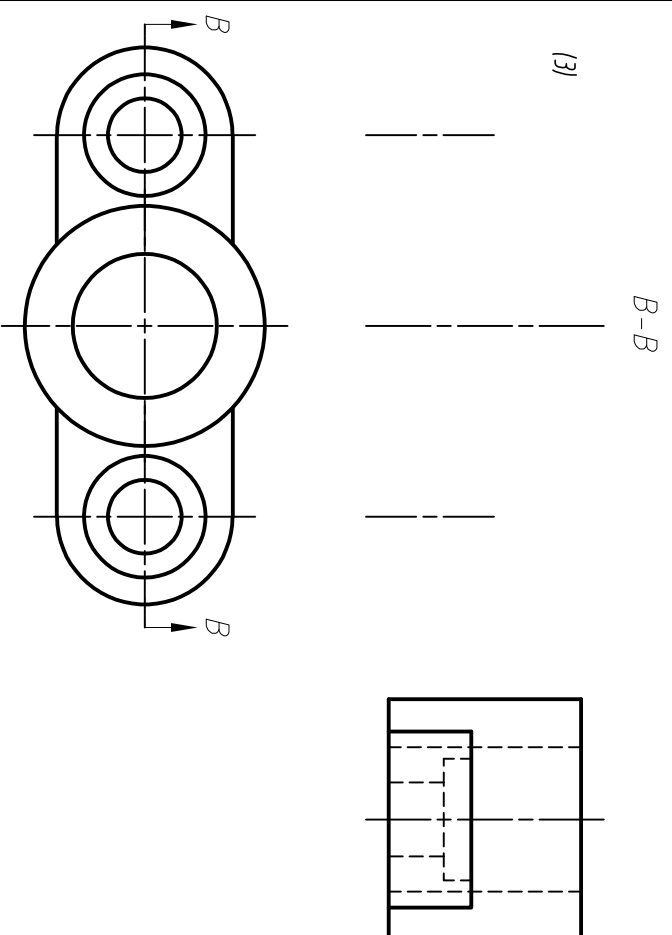
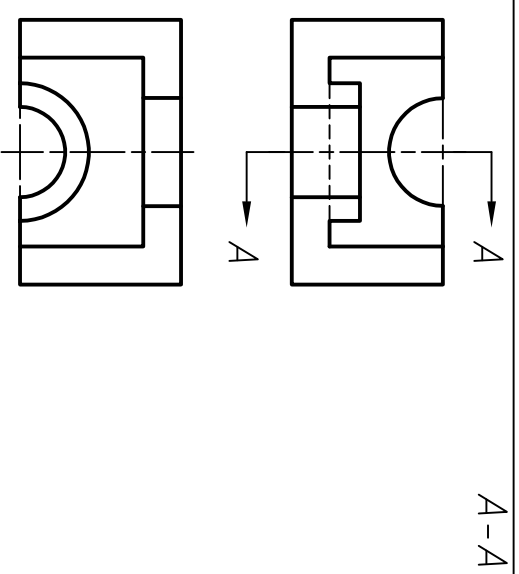
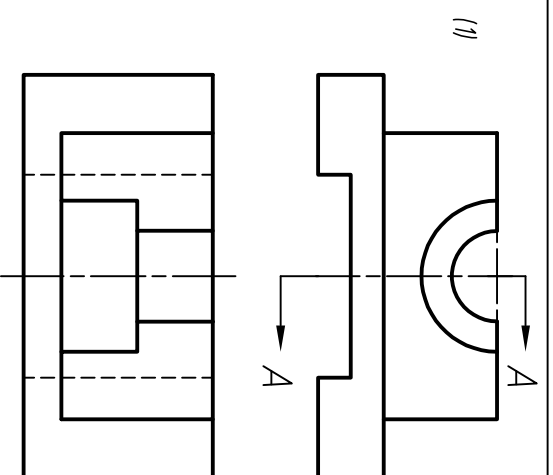
(1)



(2)



6.2 Draw the A-A full sectional views and B-B half sectional views; 画立体的A-A全剖视图和B-B半剖视图;

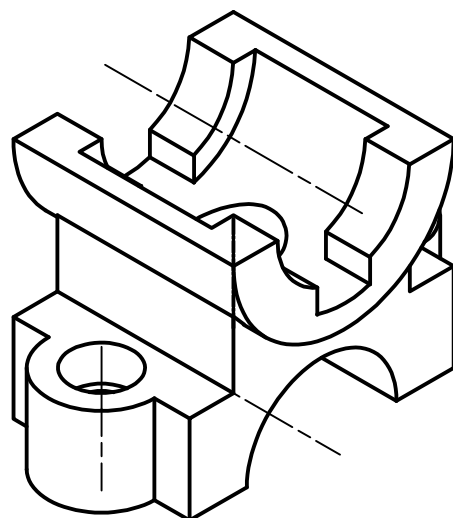
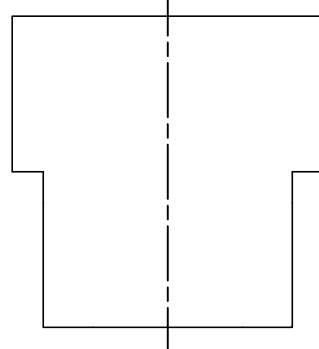
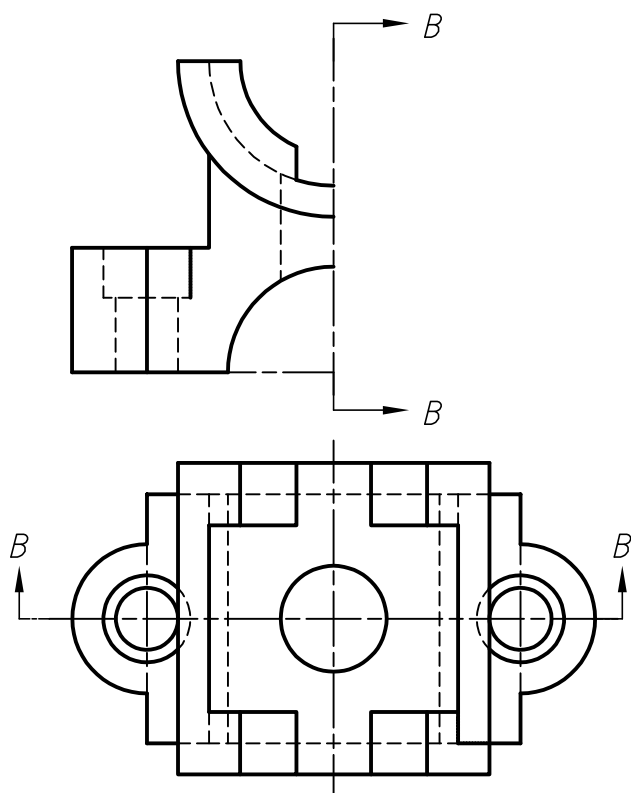


6.2 Draw the A-A half sectional views and B-B full sectional views; 画立体的A-A半剖视图和B-B全剖视图;

(1)

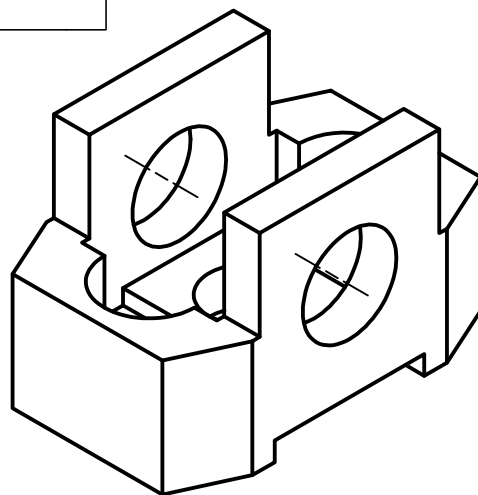
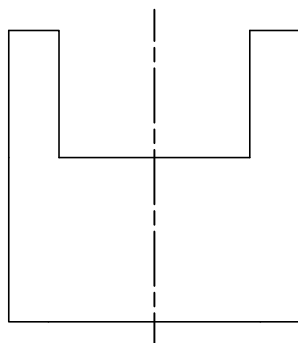
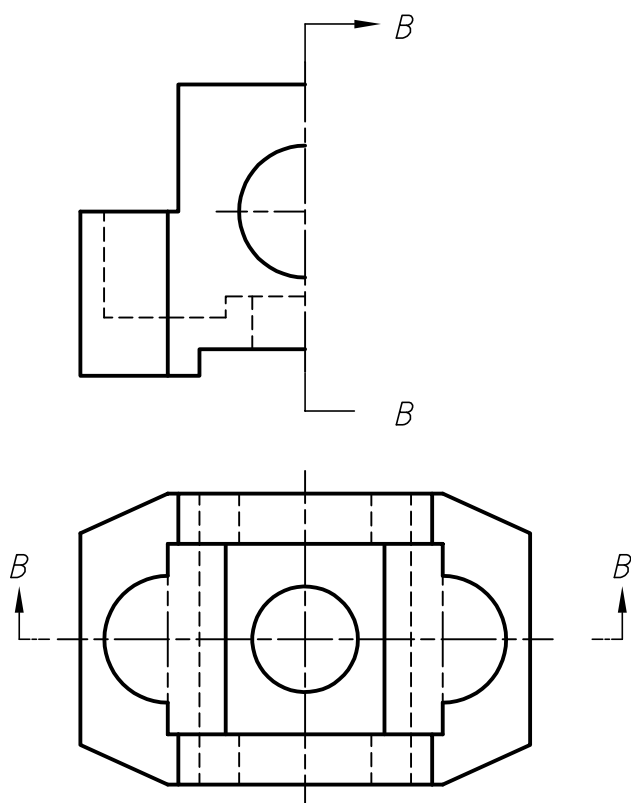
A-A

B-B



A-A

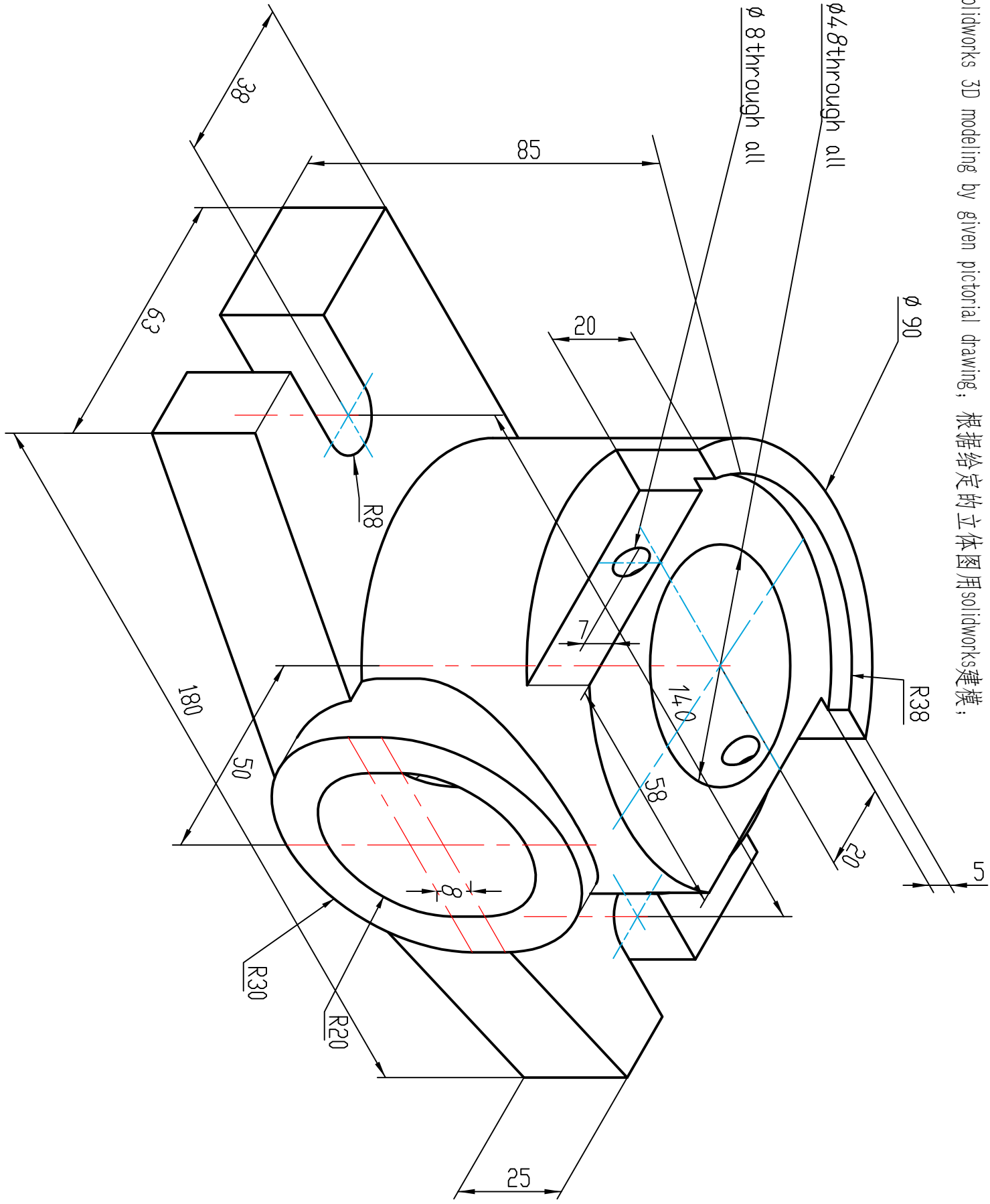
B-B



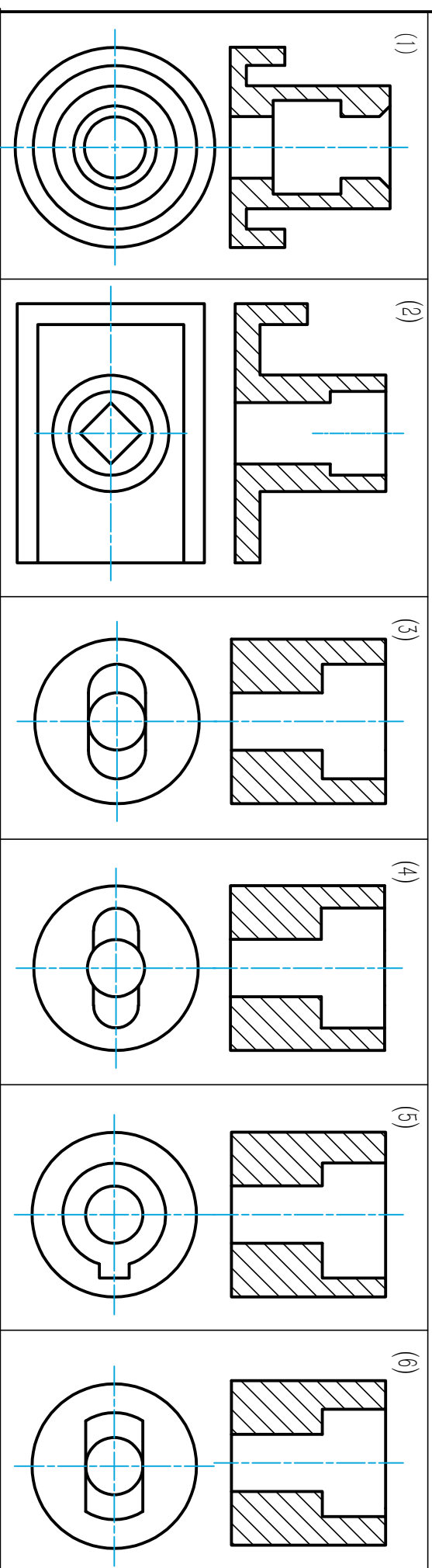
No:

Name:

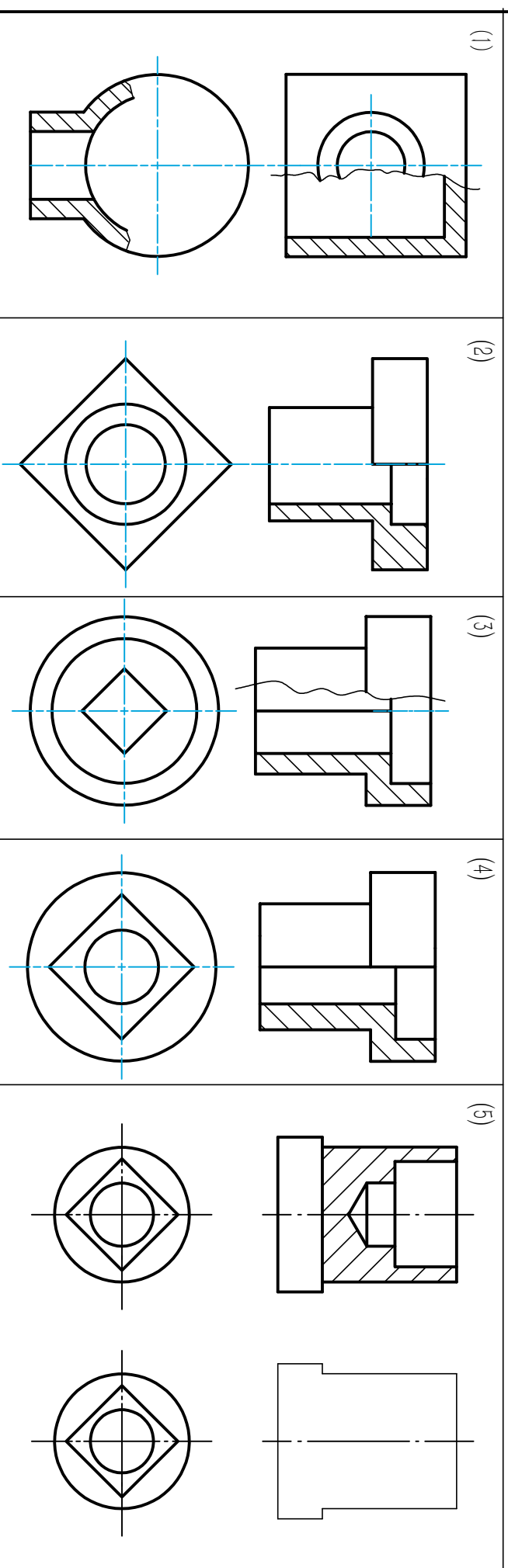
Make the solidworks 3D modeling by given pictorial drawing; 根据给定的立体图用solidworks建模;



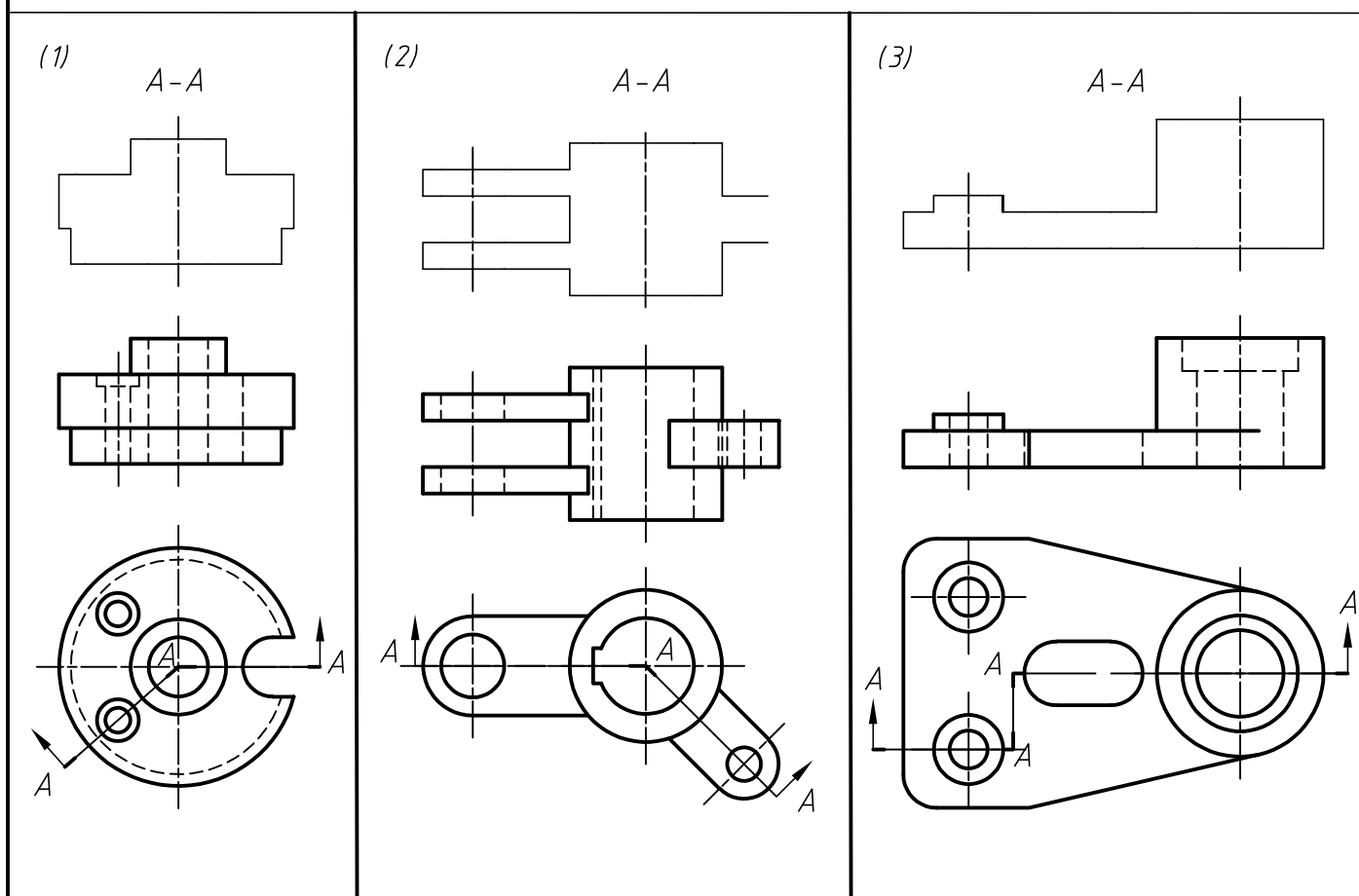
6.3 Complete each sectional view by adding the missing lines; 补全以下剖视图中缺少的线;



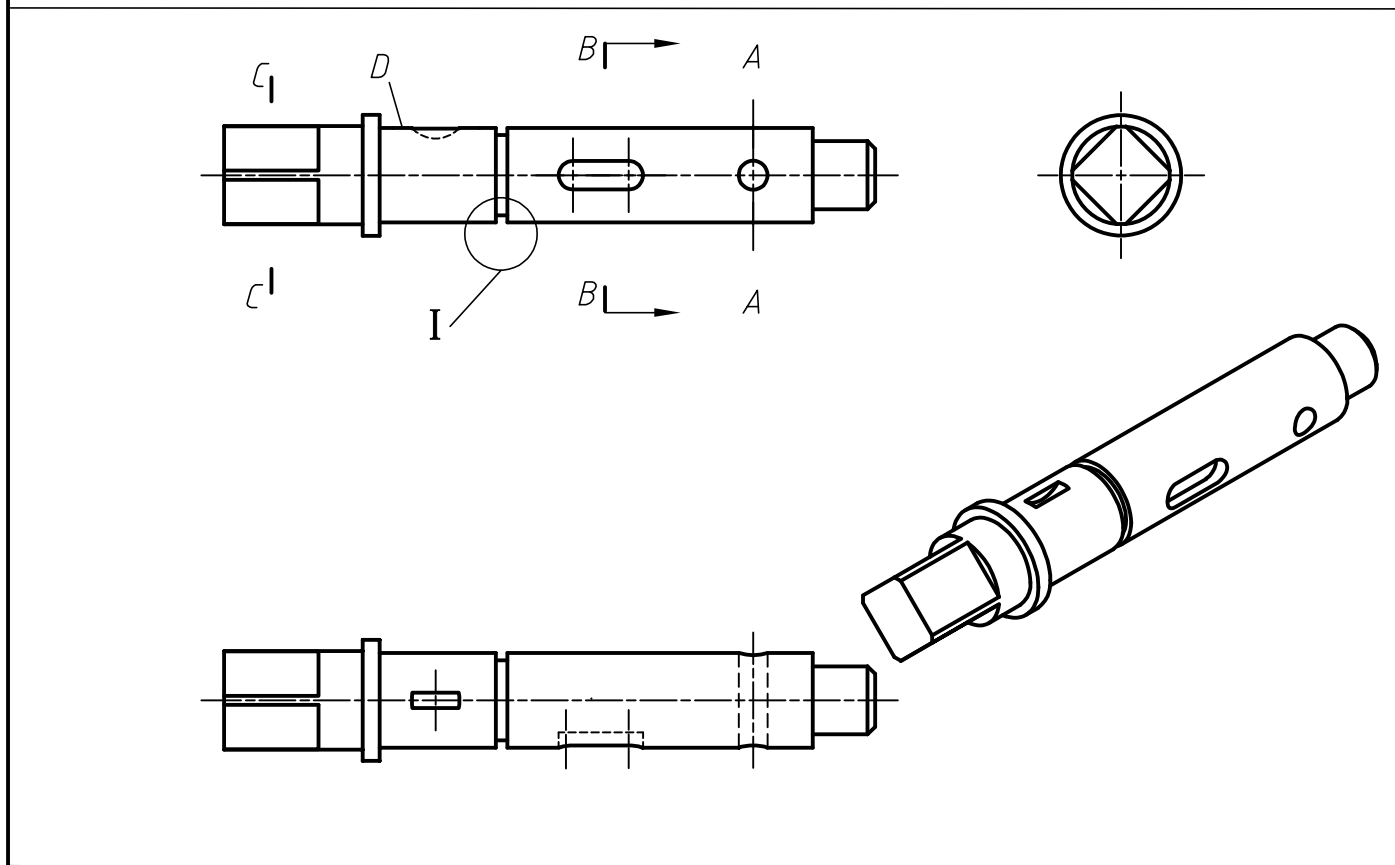
6.4 Correct the broken sectional views (cross the wrong lines and add the missing lines); 改正以下剖视图中的错误(在错的线上打叉, 补全缺少的线);



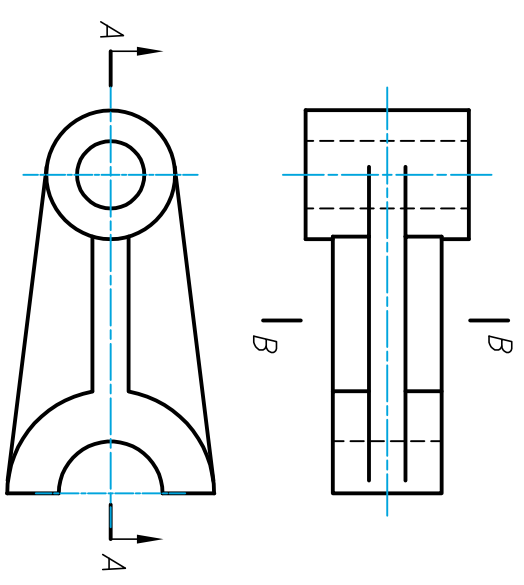
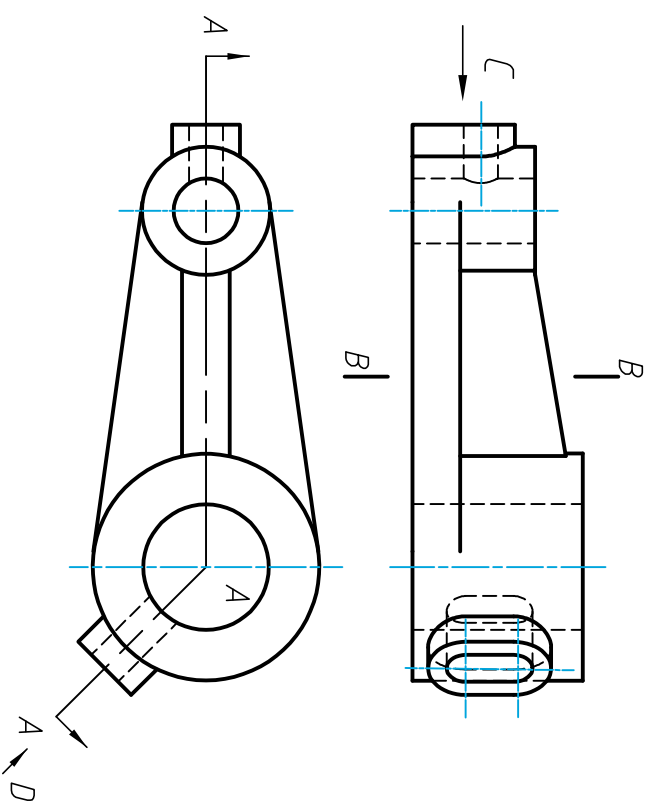
6.5 Draw the A-A sectional views, 画立体的A-A剖视图;



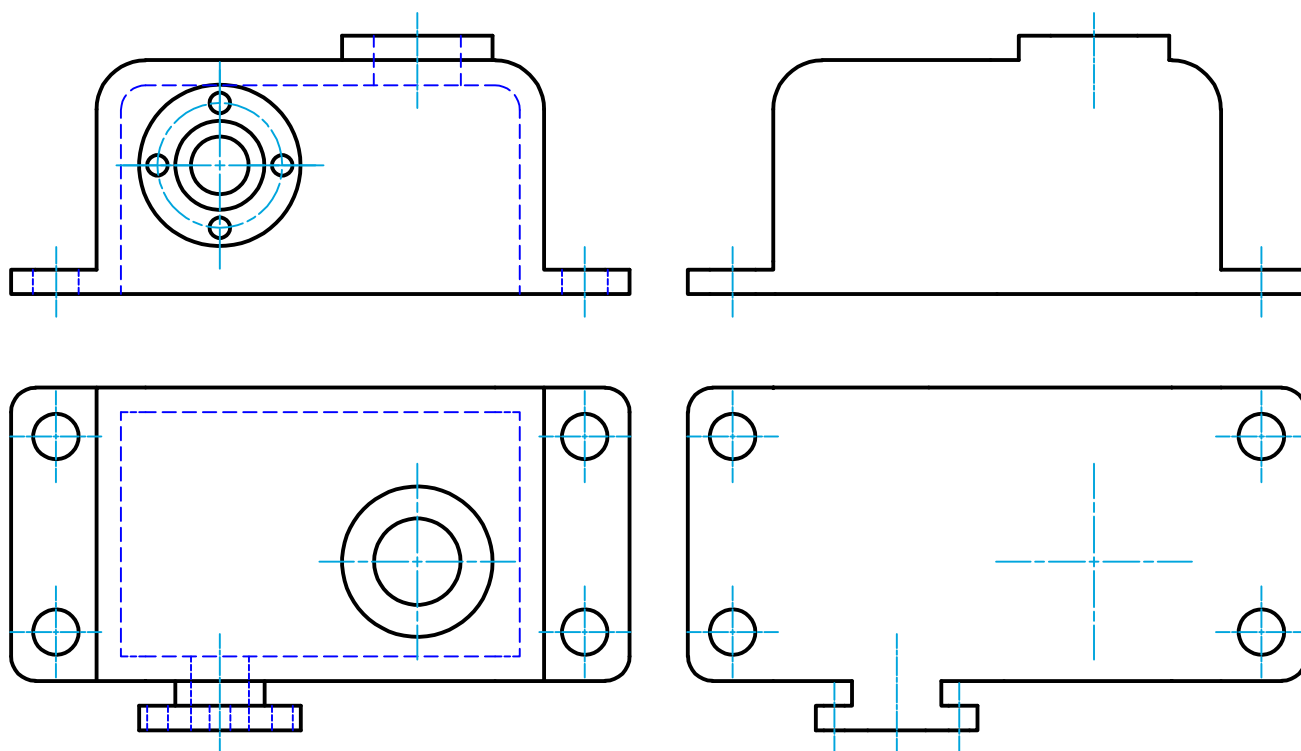
6.6 Draw the A-A, B-B, C-C cuts, change area D into broken sectional view, draw detail enlarged view I (3:1)
画立体的A-A, B-B, C-C 断面图, 将区域D改成局部剖视, 画局部放大图I (比例3:1);



6.7 Draw the A-A sectional view, B-B cut view and partial views C and D; 画A-A剖视图, B-B断面图, 以及C和D向局部视图;

<p>(1)</p> <p>A-A</p> 	<p>(2)</p> <p>A-A</p> 
---	---

6.8 Change the front and top views into broken sectional views without hidden lines; 为主视图和俯视图选择合适的局部剖视表达内部结构,不画虚线;



6.9 Change the front and left views into broken sectional views (to the right of the given wavy lines) without hidden lines; 根据给定的波浪线 (右侧) 范围将主视图和左视图改为局部剖视图,不画虚线;

