机械制图习题

上海交通大学

1976-12

目　　录

[E] 螺纹件，齿轮，公差配合

[F] 看懂零件工作图

[G] 装配图

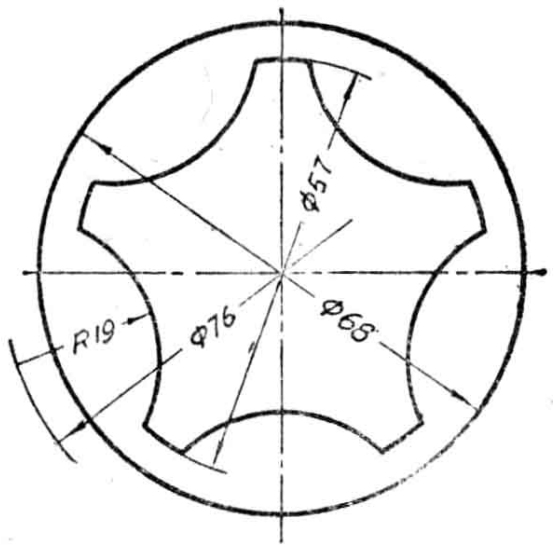
[H] 参考答案

[I] 结构及工作原理说明书

注；有 * 为记各题，附有参考答案

1. 按题尺寸数字,将图形放大抄绘在右方空处.(尺寸不须画注)
2. 在小长方格内,练写工程字体.(右下角标题栏内,用工程字体填写班级姓名等)

一.



二.

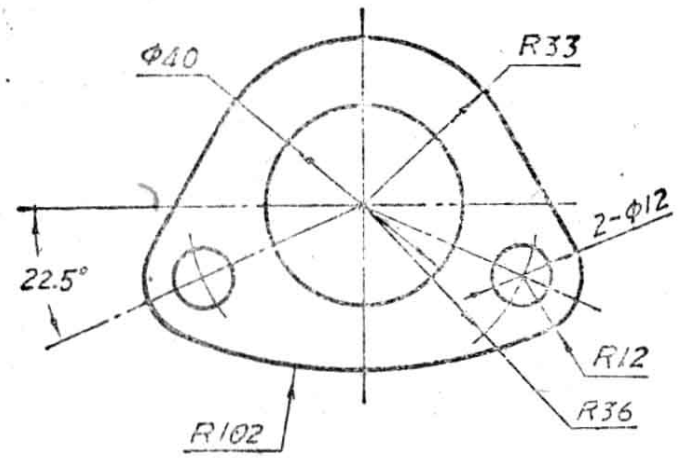
2.

摆线转子泵工作原理结构圆柱锥齿轮

班级		日期	
姓名		备注	

1

一、



2

1	2	3	4	5	6	7	8	9	0	R	Φ	垫	片	炭	深

1. 按照尺寸数字，将图形放大抄绘在右方空处。（尺寸本须照注）
2. 在小长方格内，练写工程字体（左下角标题栏内用工程字体填写姓名等）

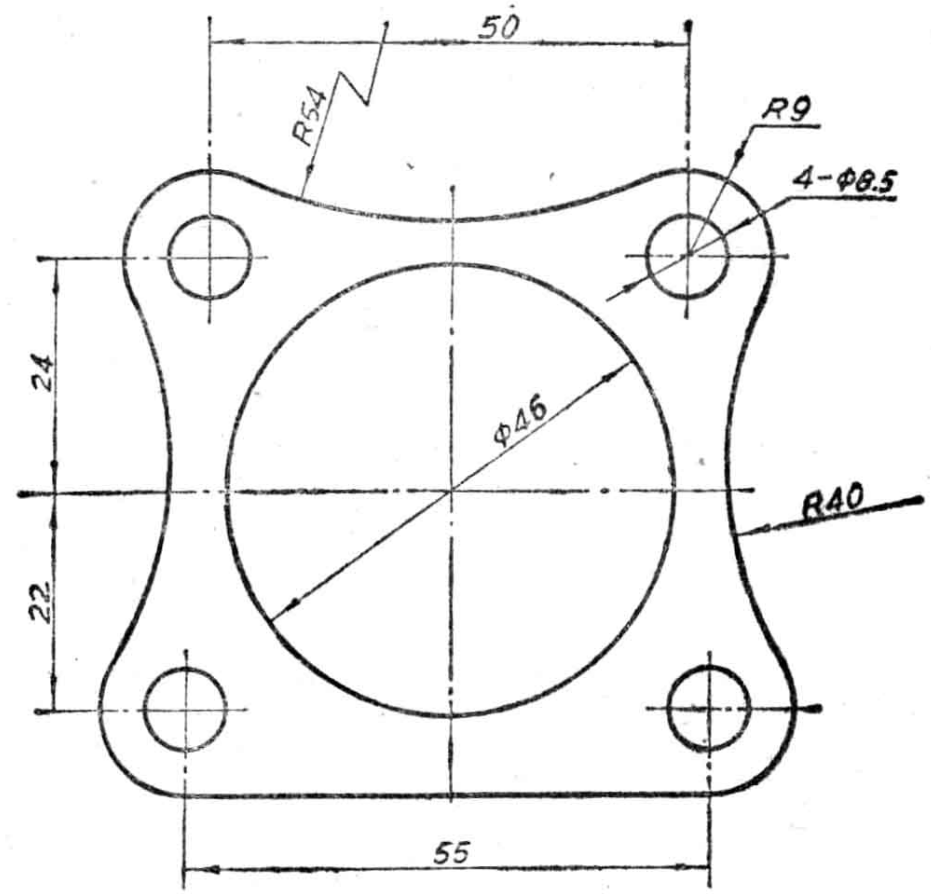
班级		日期	
姓名		备注	

2

1. 按照尺寸数字,将图形抄绘在右方空处.(尺寸亦须照注)
2. 在小长方格内,练写工程字体.(右下角标题栏内用工程字体填写姓名等)

3

一、



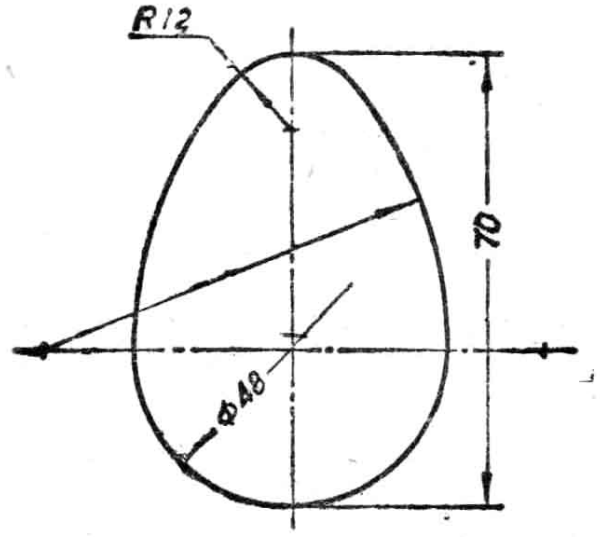
二、标注技术要求 材料 光洁度 热处理 套筒

班级		日期	
姓名		备注	

1. 按照尺寸数字,将图形放大抄绘在右方空处.(尺寸标注须照注)
2. 在小长方格内,练写工程字体.(右下角标题栏内用工程字体填写姓名等)

4

一.

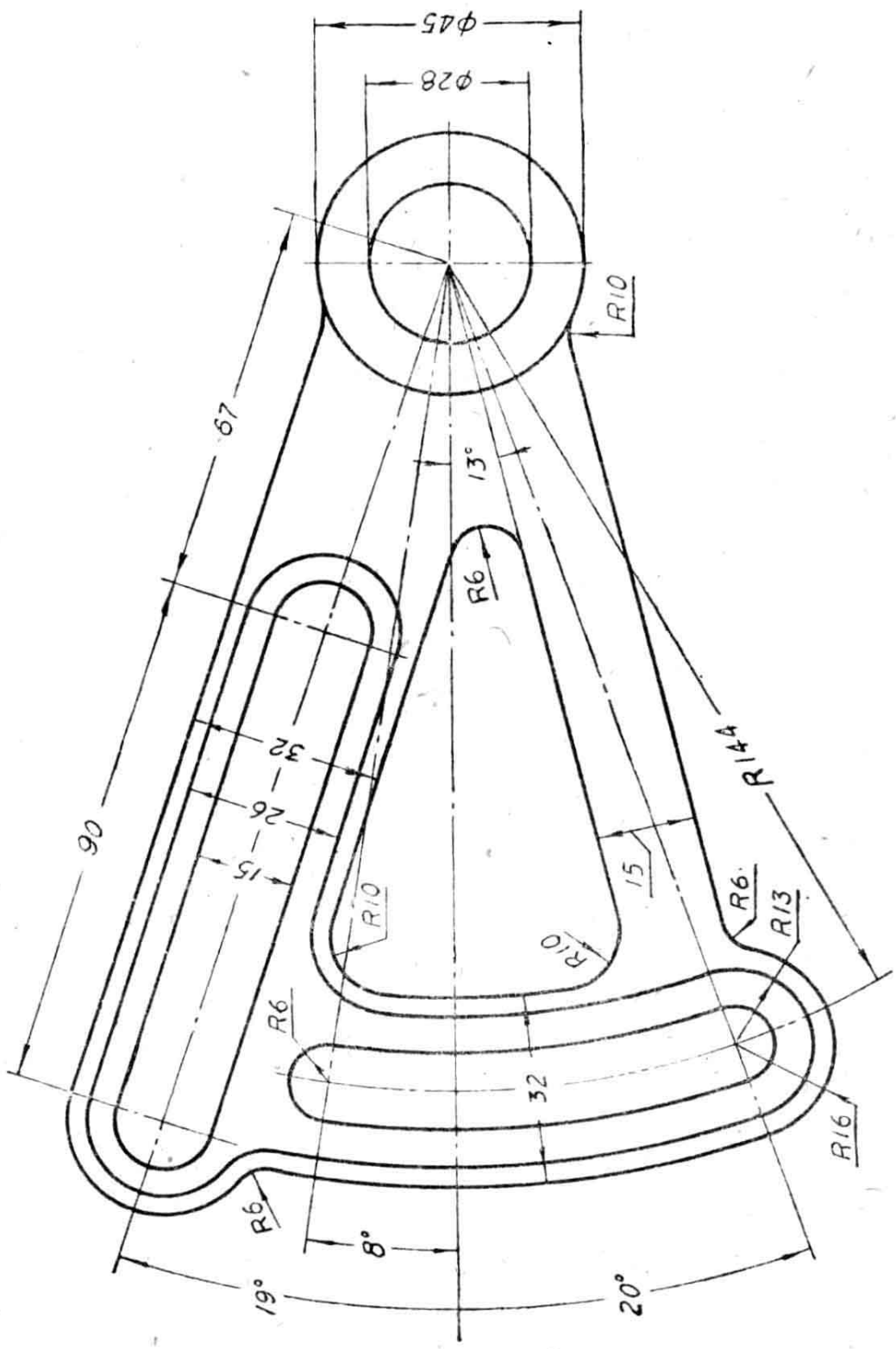


2.

外 凸 轮 螺 钉 毡 圈 矩 形 花 键 轴 箱 体 盖 销

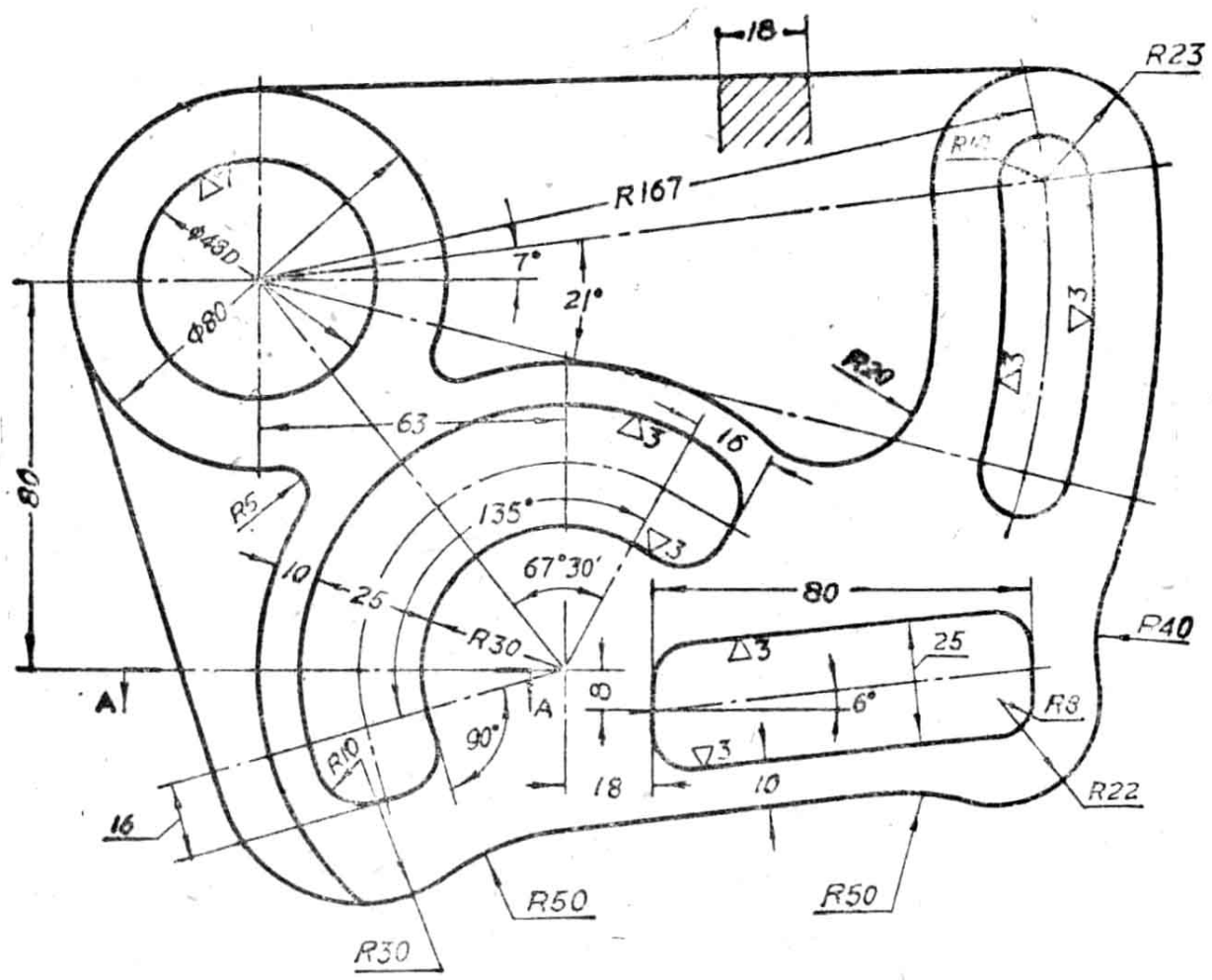
班级		日期	
姓名		备注	

挂轮架

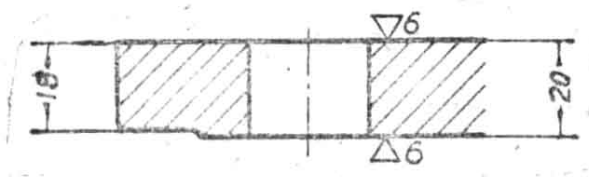


按尺寸数字，抄绘挂轮架的图形，尺寸线等亦须照抄。
（在4号图纸上用M1:1绘出，並在右下角作出简单的标题栏）

其余 ☆



A-A



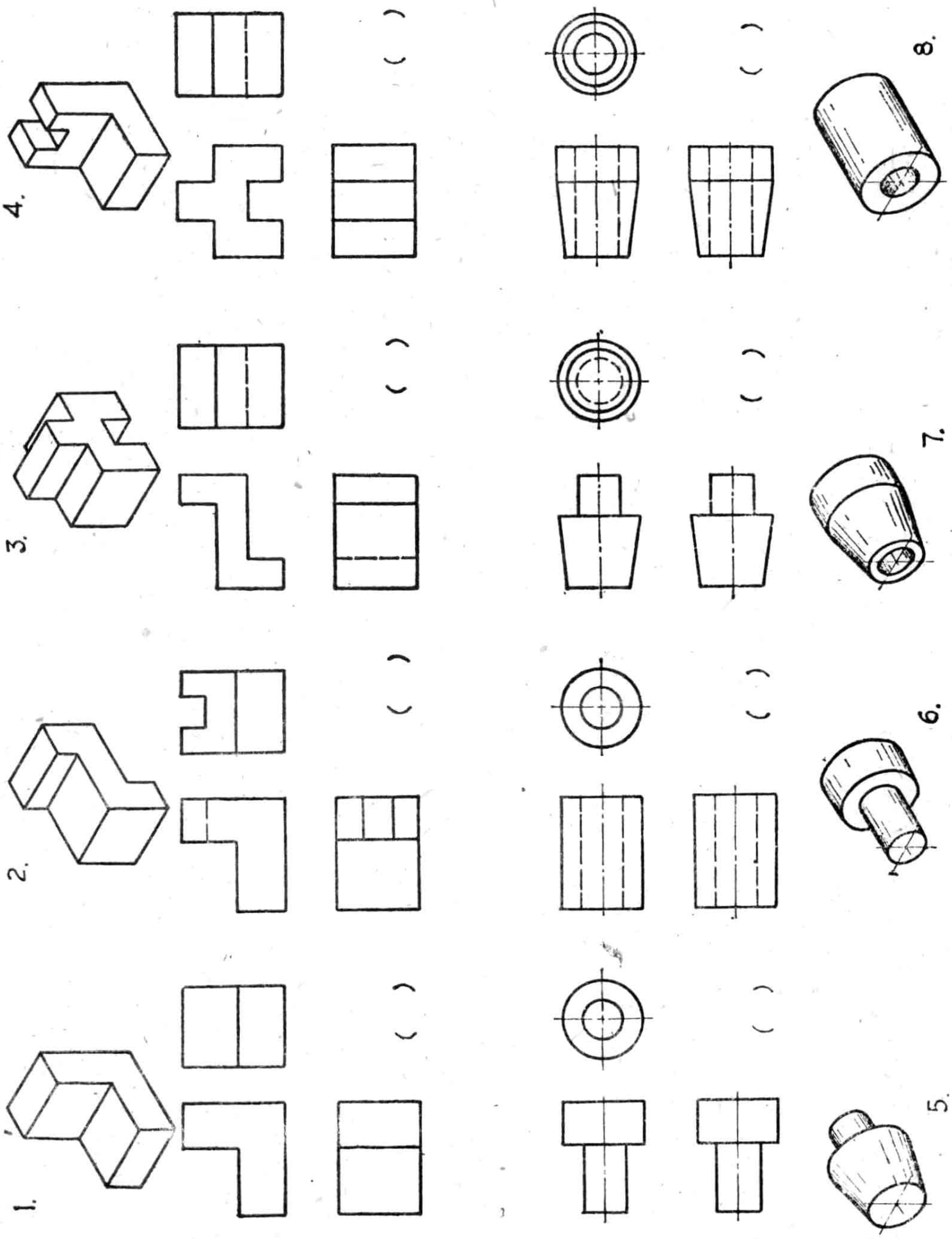
技术要求

1. Φ48D 对两侧平面垂直允差 0.04mm.
2. 两侧平面的平直度不超过 0.1 mm.
3. 两侧平面平行度允差 0.1 mm.

件号	名称	材料	数量	比例
5	挂轮架	HT15-33	1	1:2

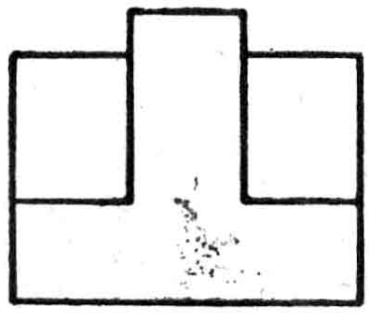
找尺寸数字，抄绘挂轮架的图形，尺寸线技术要求等，均须照抄。
（在3号图纸上用M1:1绘出，应标题栏副要放大，表下加班级姓名等几栏）

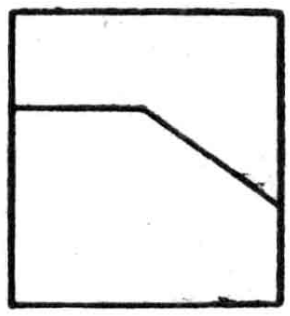
6

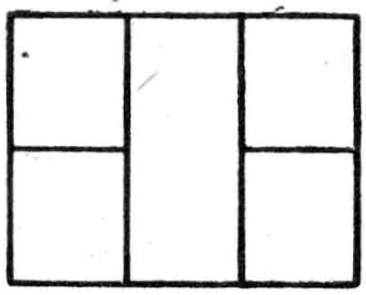


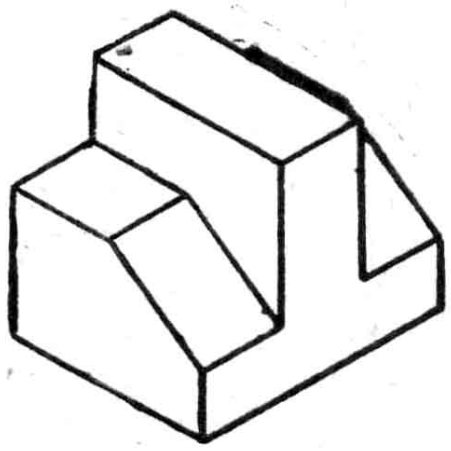
把视图和轴测图配合起来.（在视图右下角的括弧内,注出相配合的轴测图的号码.）

1.

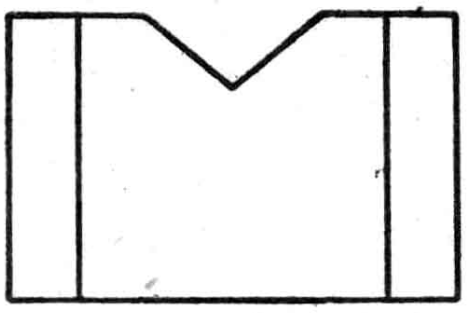


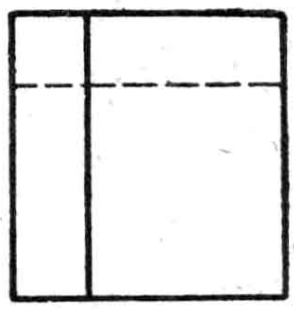


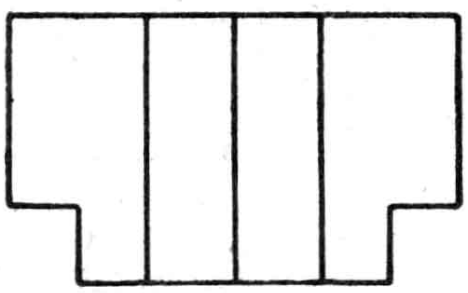


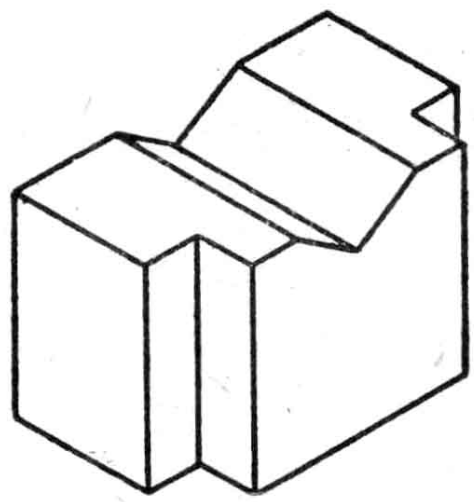


2



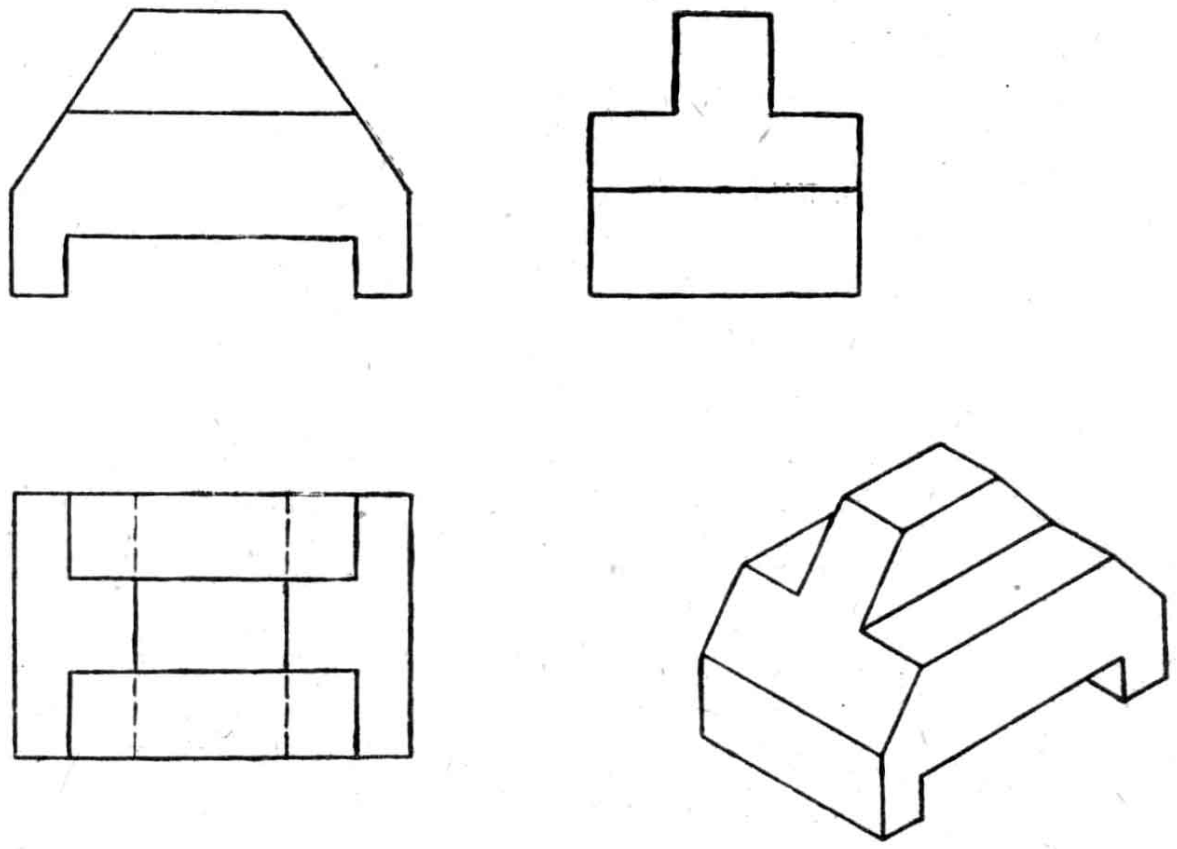




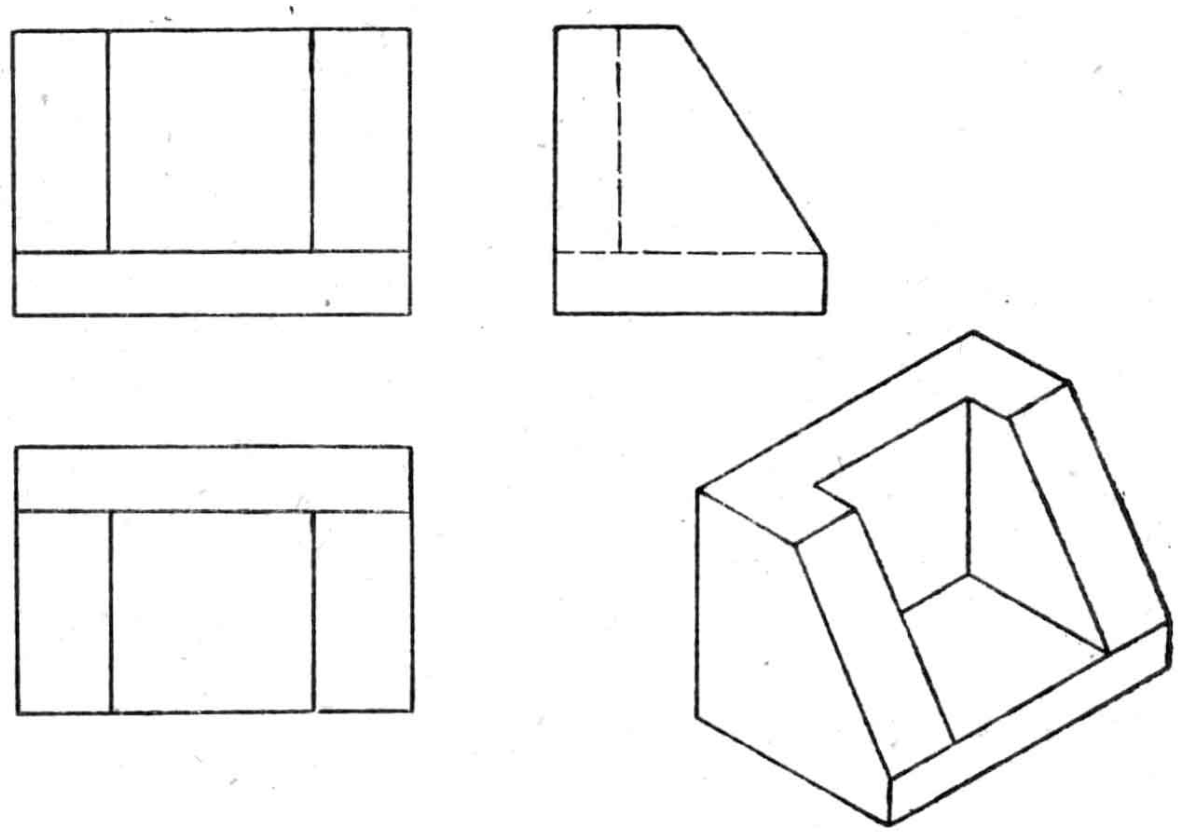


对照轴测图，改正各视图中的错误。（题1，主视图中有错误
题2，左视图中有错误）

1.

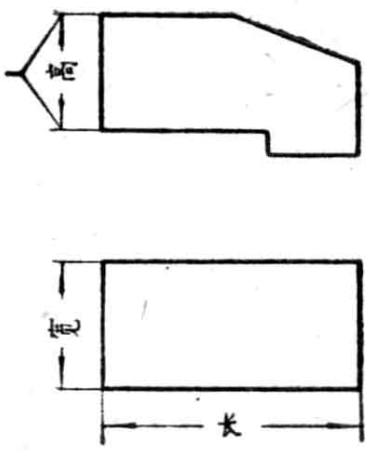


2.

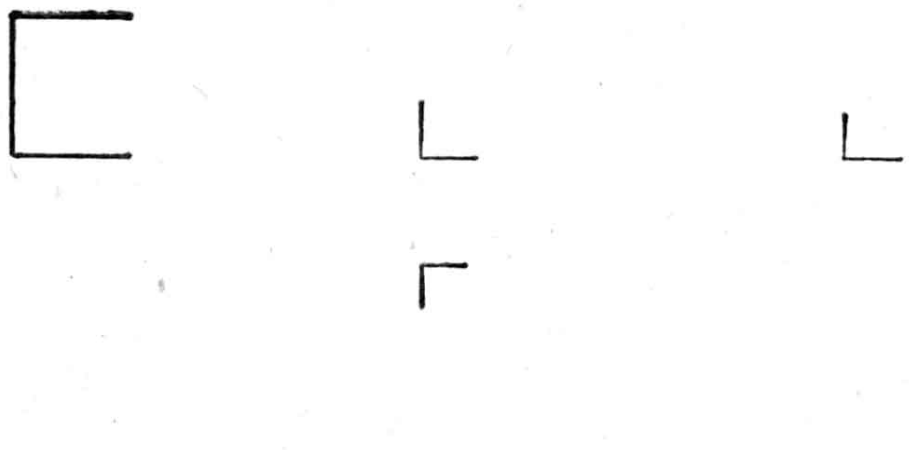


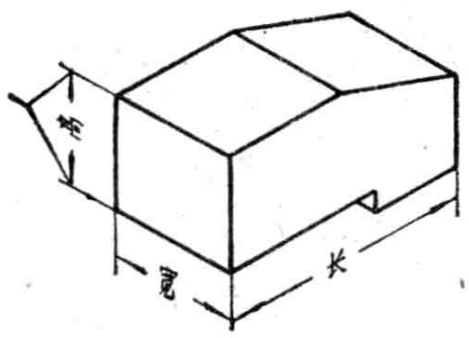
对照轴测图，改正各视图中的错误

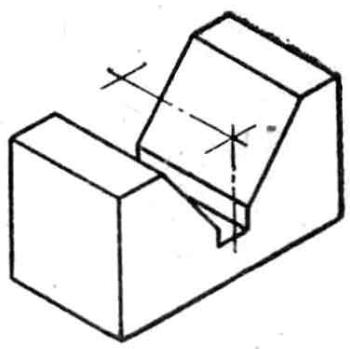
1.



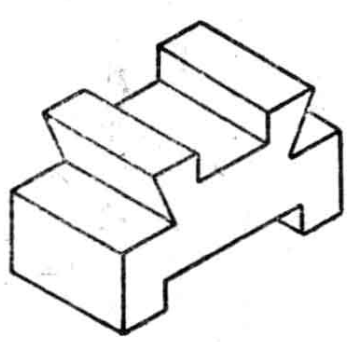
2.



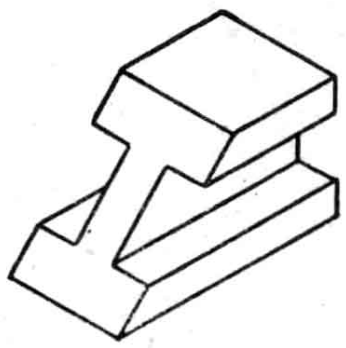




3.

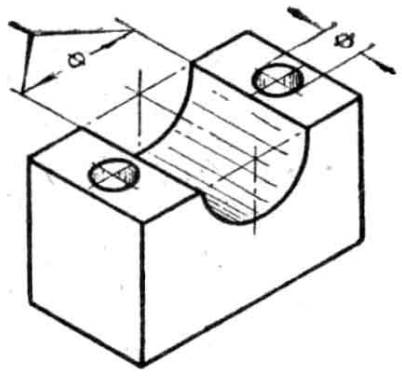


4

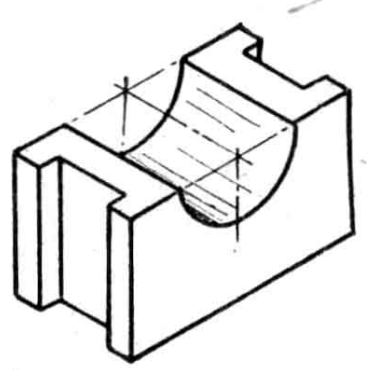


作出各件的三向视图.（大小在轴测图中直接量取）

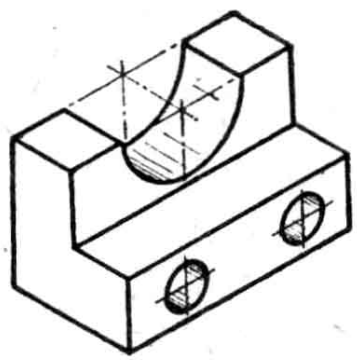
1.



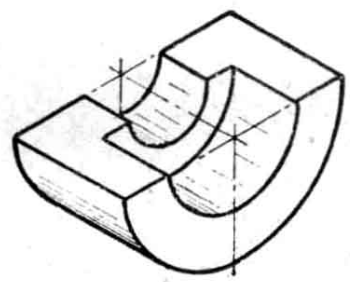
2.



3.



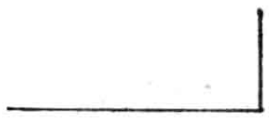
4.

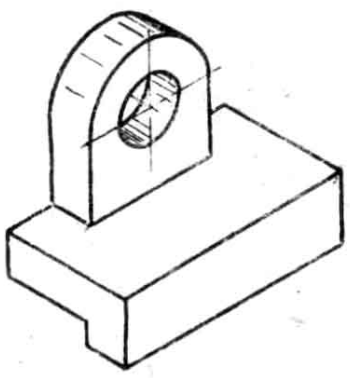


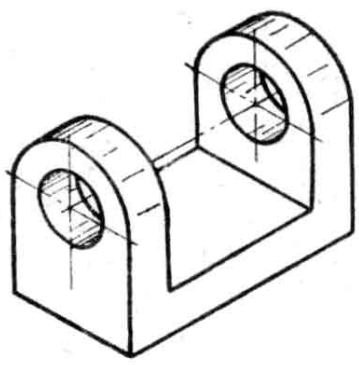
作出各件的三向视图.（大小在轴测图中直接量取）

1.

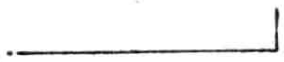
2.



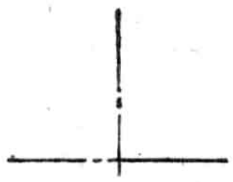


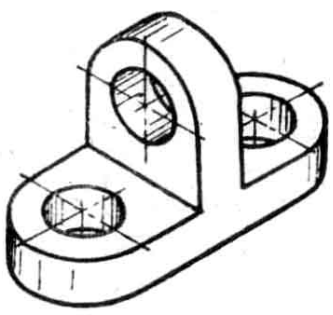


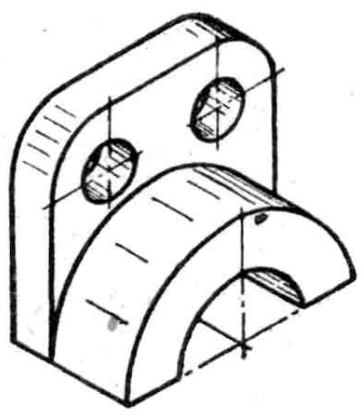
3.



4.

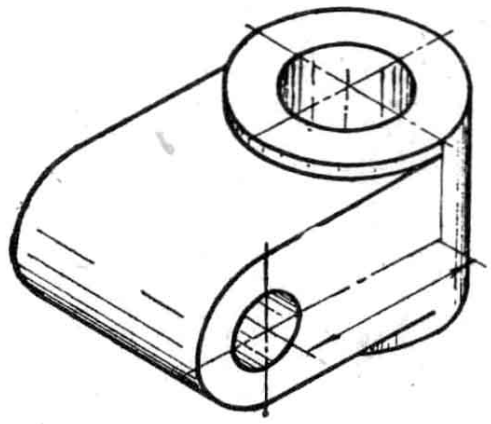




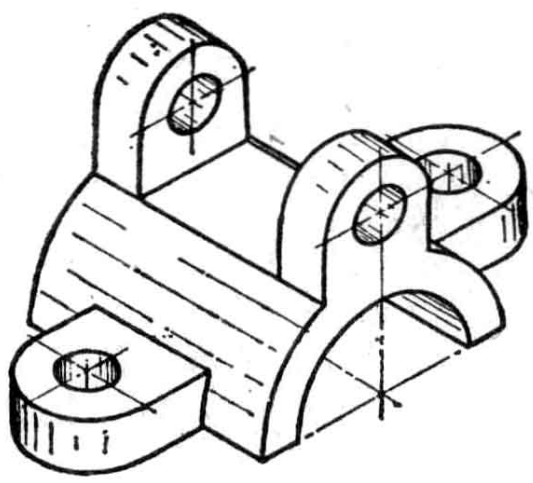


作出各件的三向视图。（大小直接从轴测图中量取）

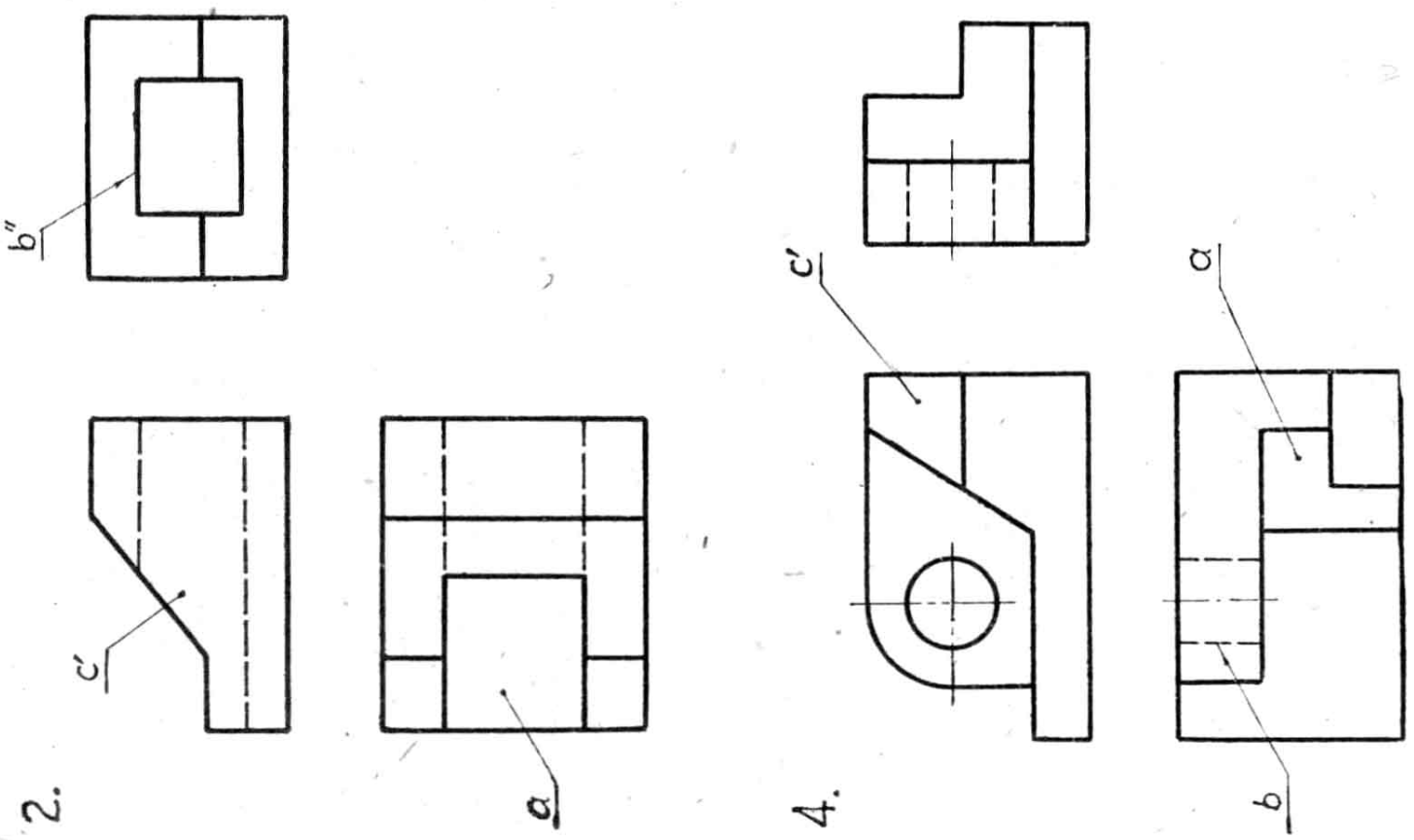
1.

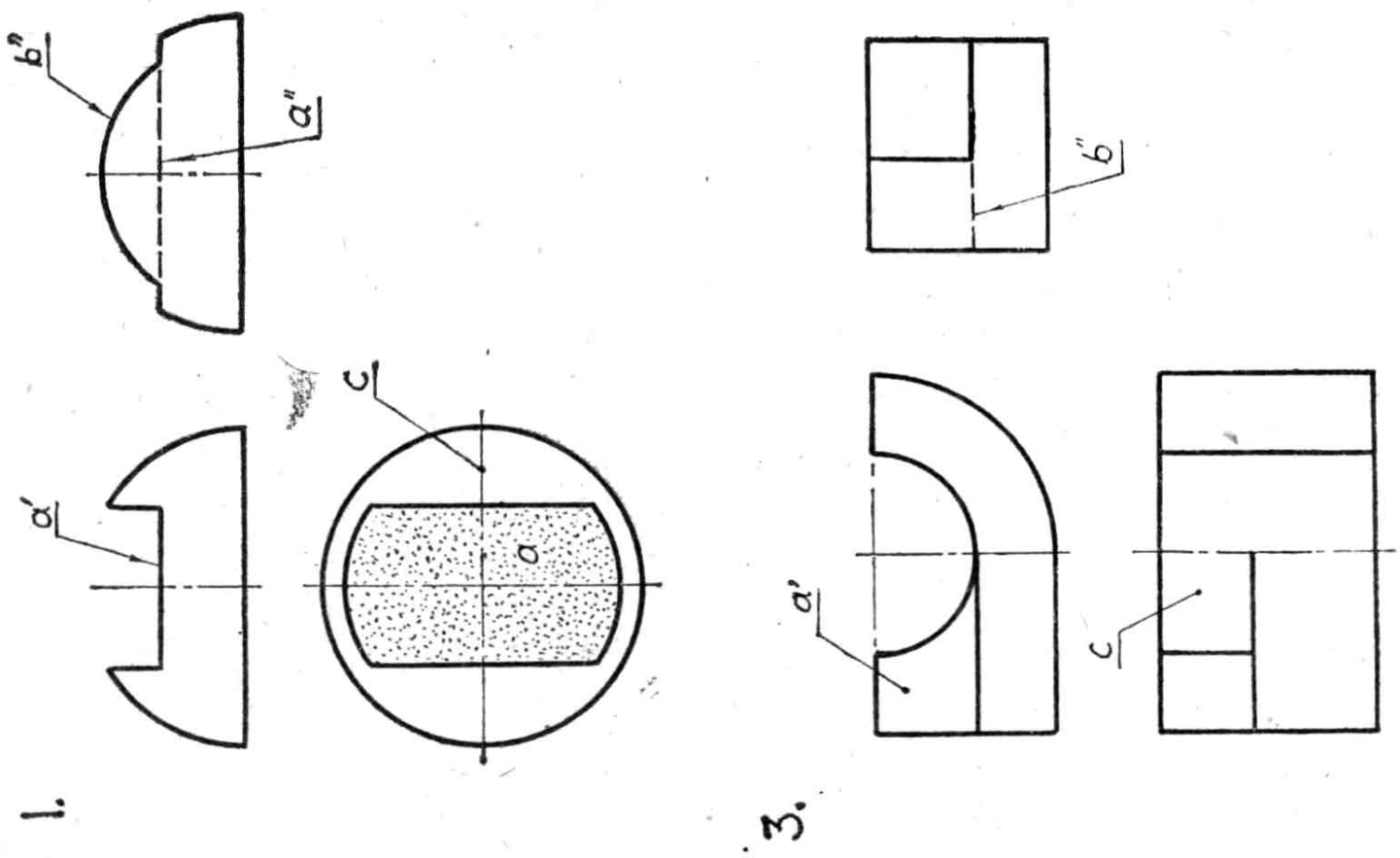


2.



作出两机件的三向视图（大小在軸测图中量取）





求出表面(A),线(B),表面上点(C)在另二视图上的位置.(题1的表面A已求出,其余用同法注明)

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