

工科、应用理科类专业用

工程制图及计算机绘图

下 册

武汉汽车工业大学制图教研室《工程制图及计算机绘图》编写组

主编 李爱华 杨启美 任谊峰

中国建材工业出版社

工程制图及计算机绘图

(工科、应用理科类各专业用)

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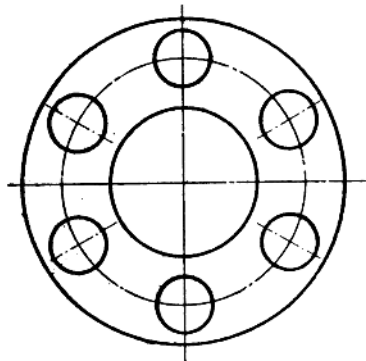
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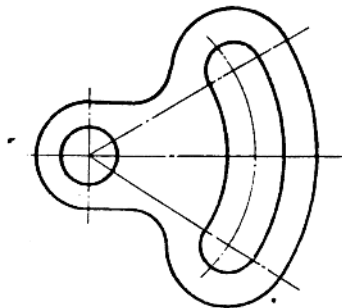
说明:本书分为上、中、下三册。在使用该教材时,可以灵活安排,首先学习上册,然后学习中册,或者将上册与中册交替使用。下册为习题集,既可以用绘图工具和仪器手工绘图,也可以采用计算机绘图。

1-1 标注下列各平面图形的尺寸(尺寸数值按 1:1 在图中量取)。

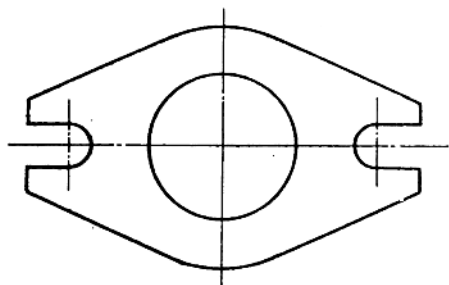
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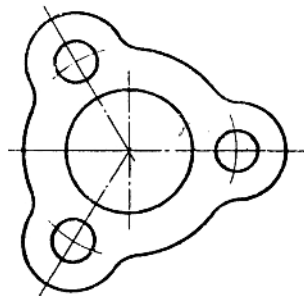
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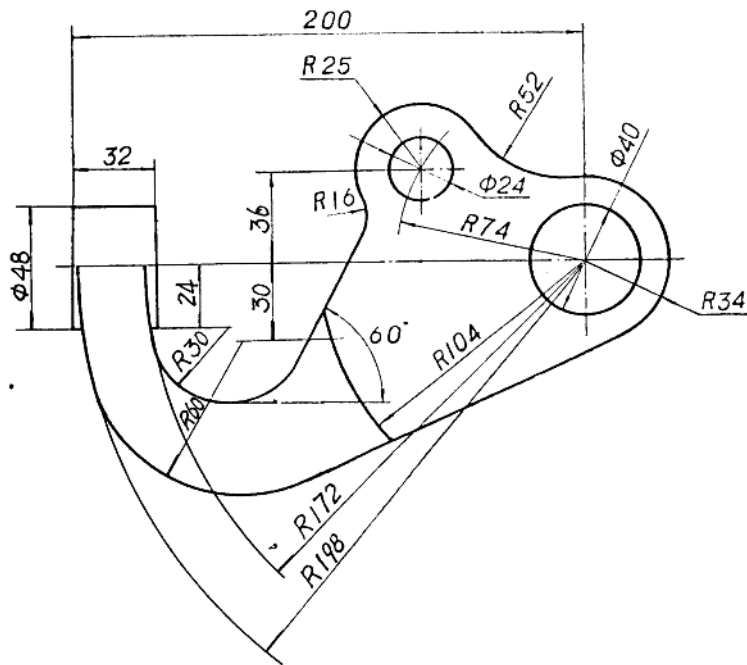
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(4)

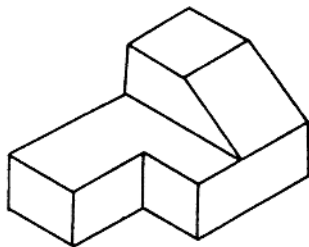
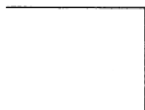
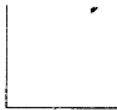


1-2 线段的连接.按 1:1 在 3 号图纸上用铅笔作图.或在计算机上画图.



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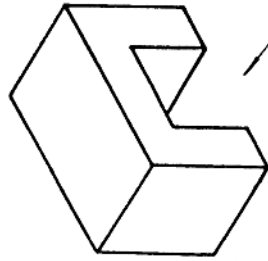
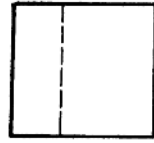
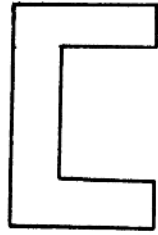
2-1 根据物体的立体图,画出其三视图(尺寸数值按1:1在图中量取)。



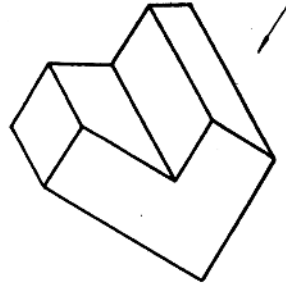
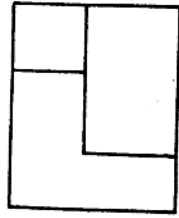
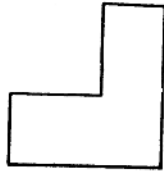
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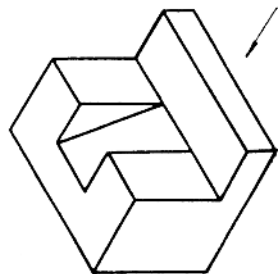
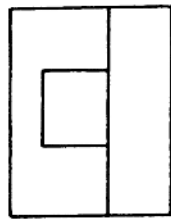
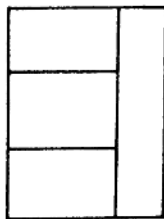
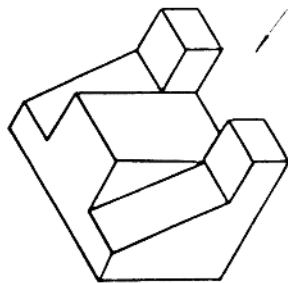
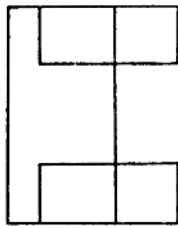
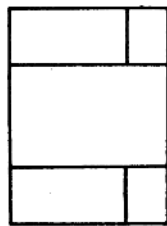
2-2 参照立体图和已知视图,补画第三视图(虚线要画)。

(1)



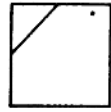
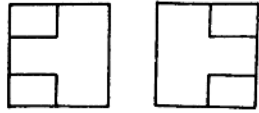
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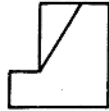
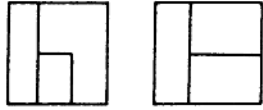


2-3 看懂下列物体的三视图,并找出相应的立体图,在其下方填写它的编号。

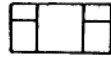
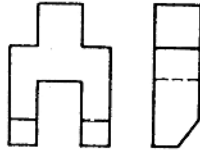
(1)



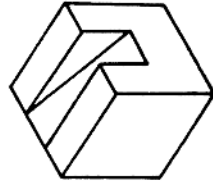
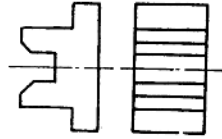
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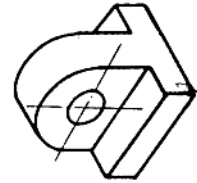
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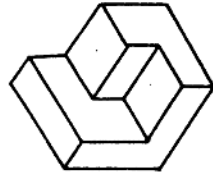
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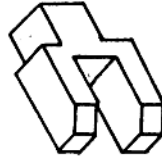
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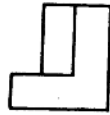
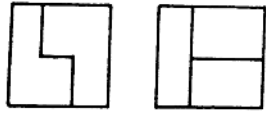
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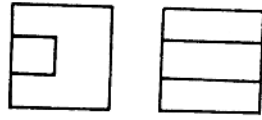
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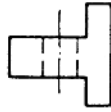
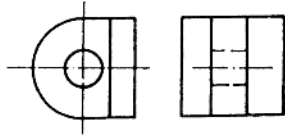
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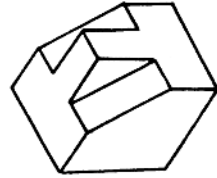
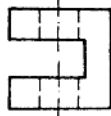
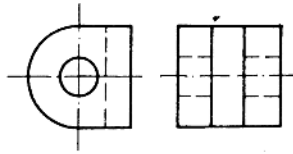
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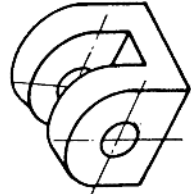
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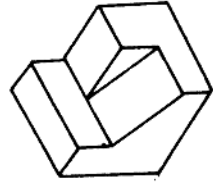
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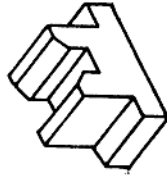
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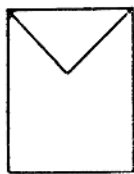
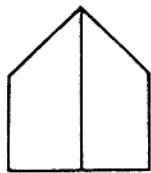
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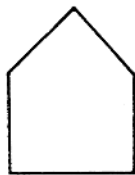
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2-4 在下列立体的(a),(b),(c),(d)四个左视图中,选择正确的填入右下括号内。

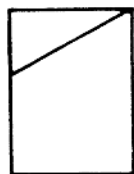
(1)



(a)



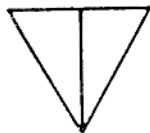
(b)



(c)

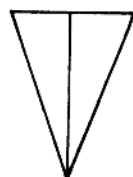
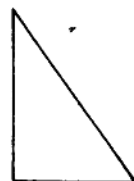
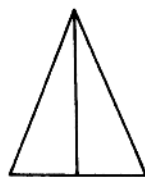


(d)



()

(2)

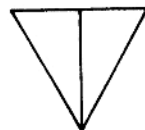


(a)

(b)

(c)

(d)



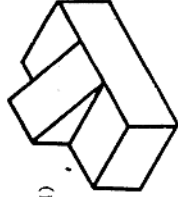
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2—5 根据立体图找出对应的三视图,将对应的立体图号码写在视图的括号内(没有对应的立体图的视图不填),并补全视图中所缺的线条。

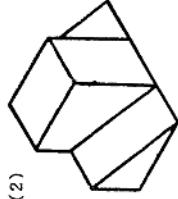
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(4)



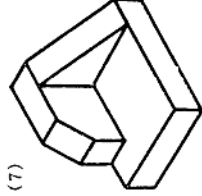
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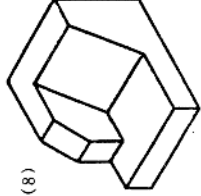
(5)



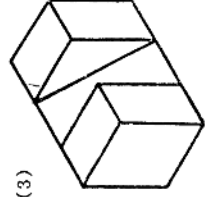
(7)



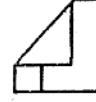
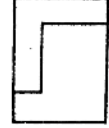
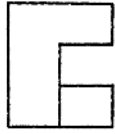
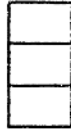
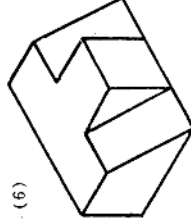
(8)



(3)



(6)



()

()

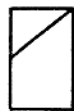
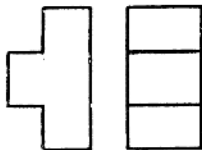
专业班级 _____ 姓名 _____



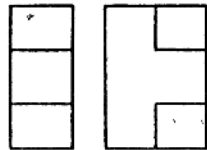
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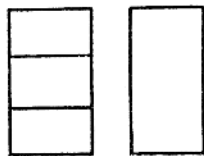
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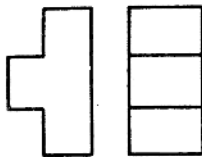
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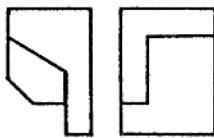
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()



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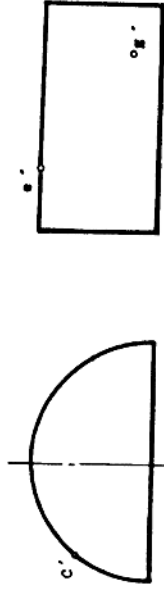


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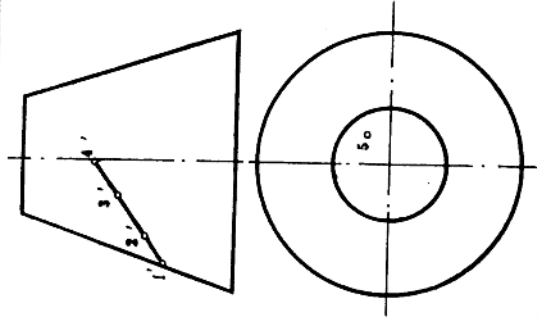


2-6 已知曲面立体的两个视图,补画第三视图,并完成体上点或线的投影。

(1)



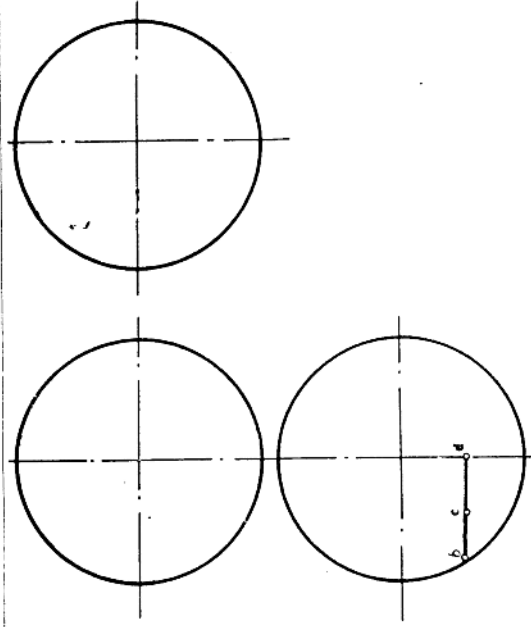
(2)



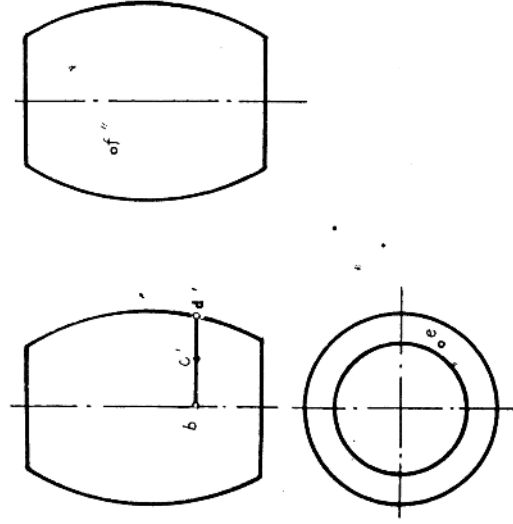
专业班级 _____ 姓名 _____

2-7 已知曲面上点的一个投影,完成其余两个投影。

(1)

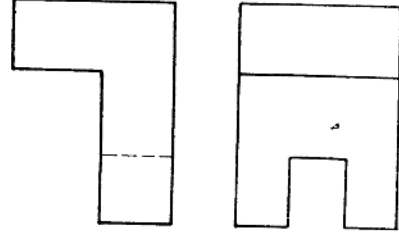


(2)

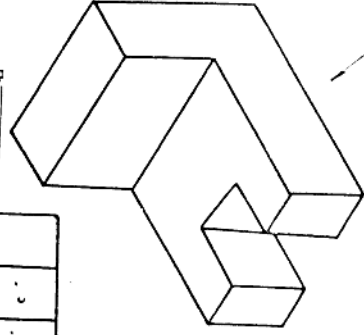


3-1 在下列四题中,根据一个视图上平面的字母,补标平面其余两个视图的字母。
还在立体图上标出平面的字母,并比较它们的相对位置。

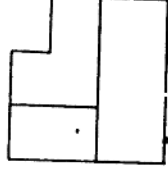
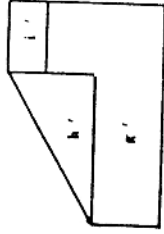
(1)



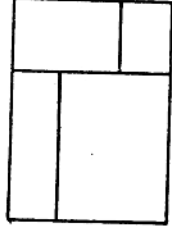
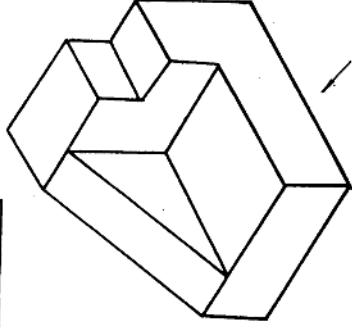
左 ——— 中 ——— 右 ———



(2)



左 ——— 中 ——— 后 ———



专业班级 _____ 姓名 _____