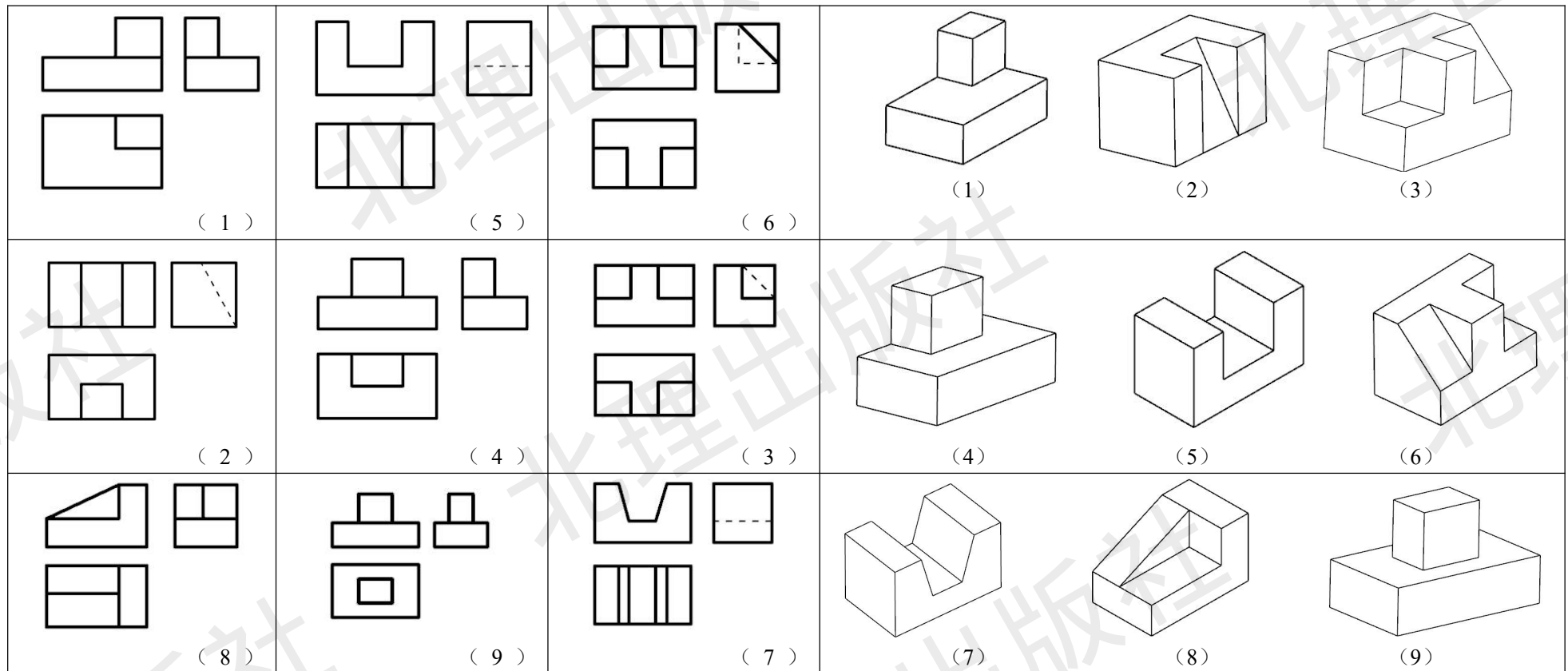
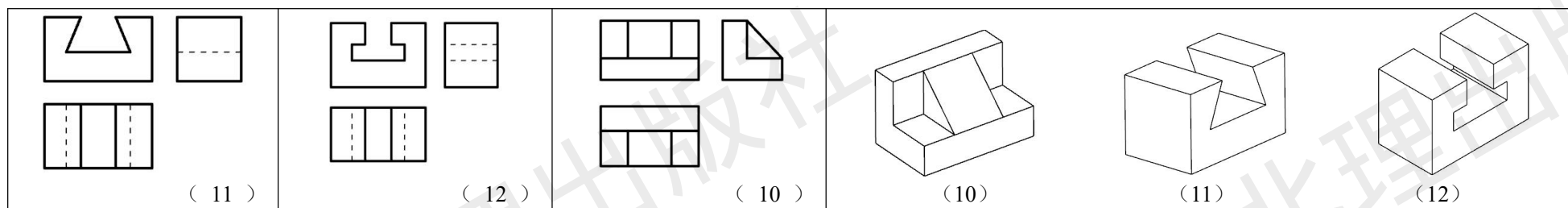


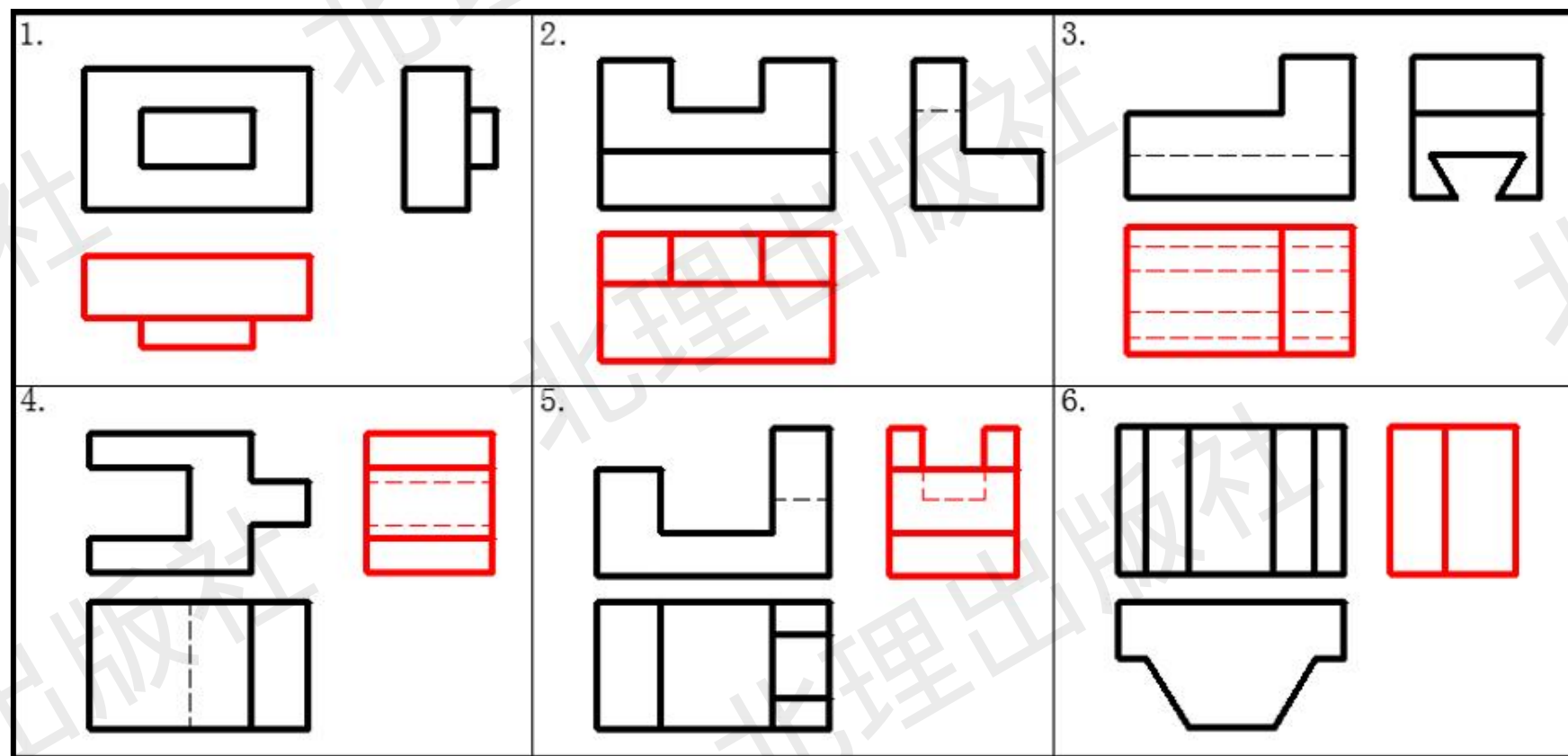
模块二答案

2-1



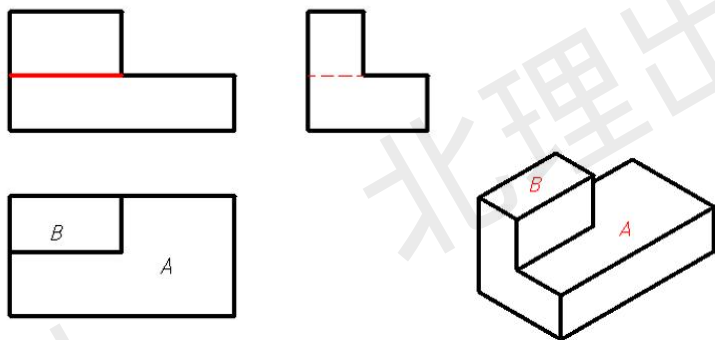


2-2



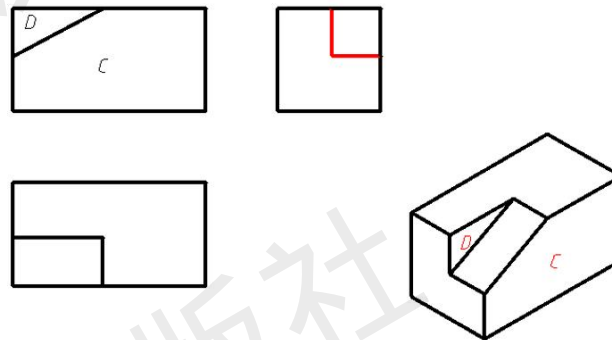
2-3

1.



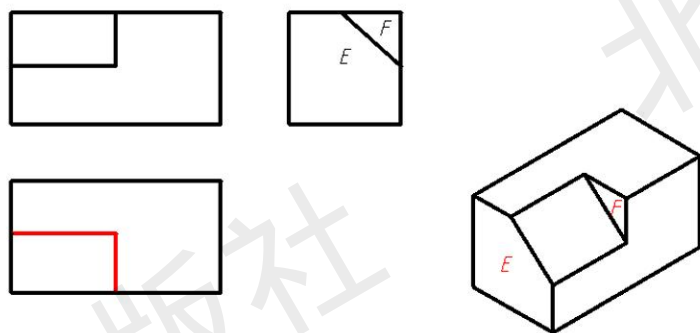
面 A 在 下，面 B 在 上。

2.



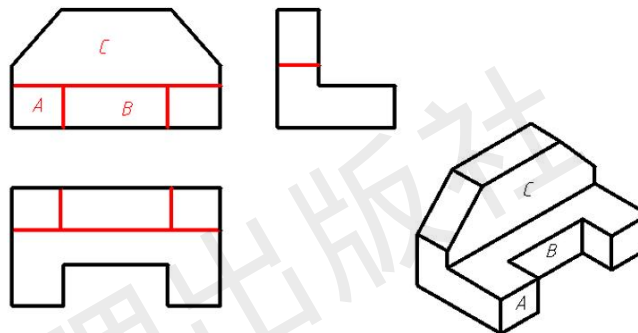
面 C 在 前，面 D 在 后。

3.



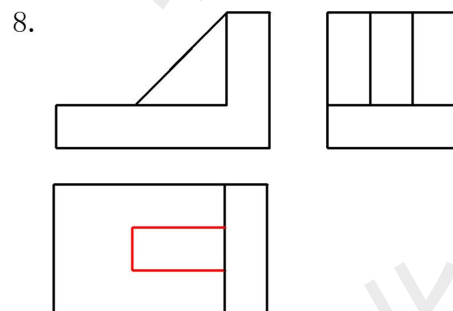
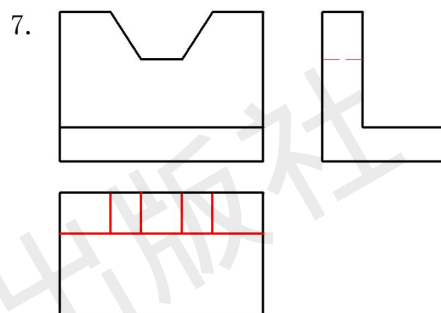
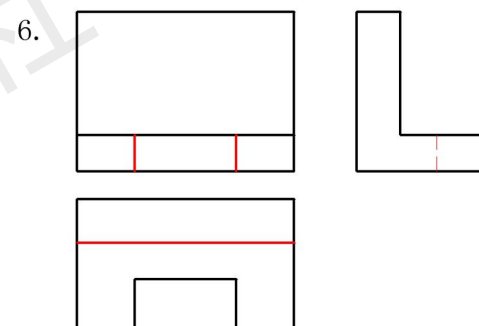
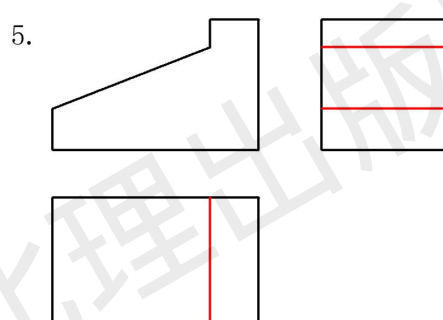
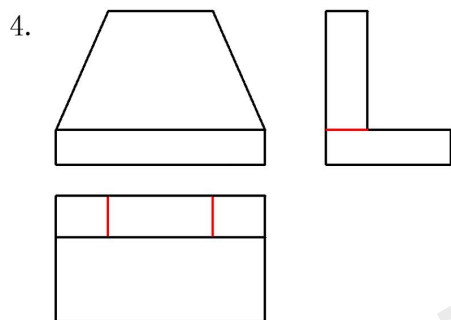
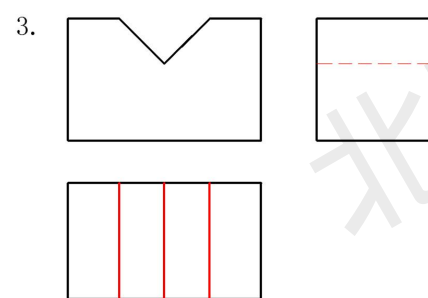
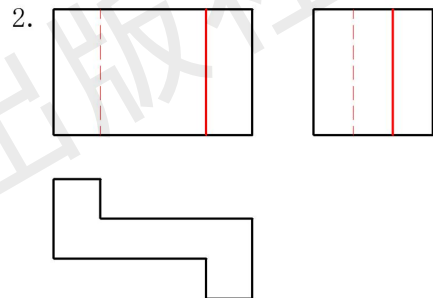
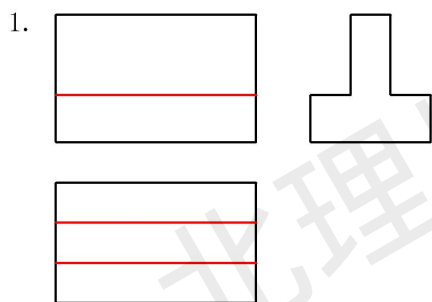
面 E 在 左，面 F 在 右。

4.

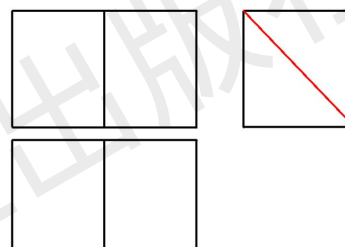


面 A 在面 B 之 前，面 C 在面 B 之 后。

2-4

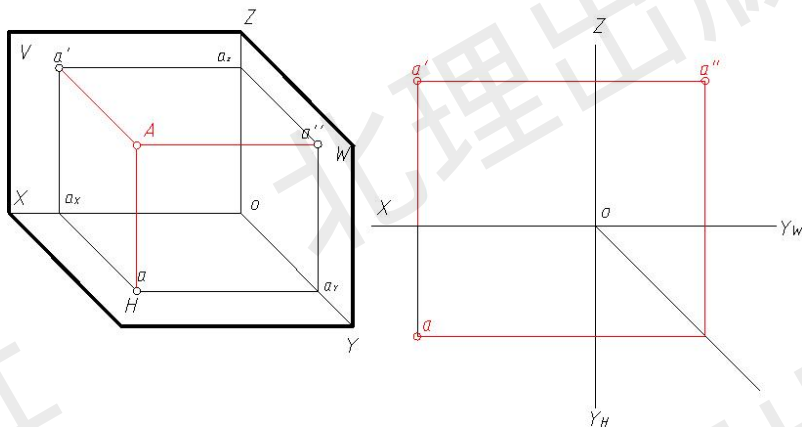


9. 有多种答案，任选其一

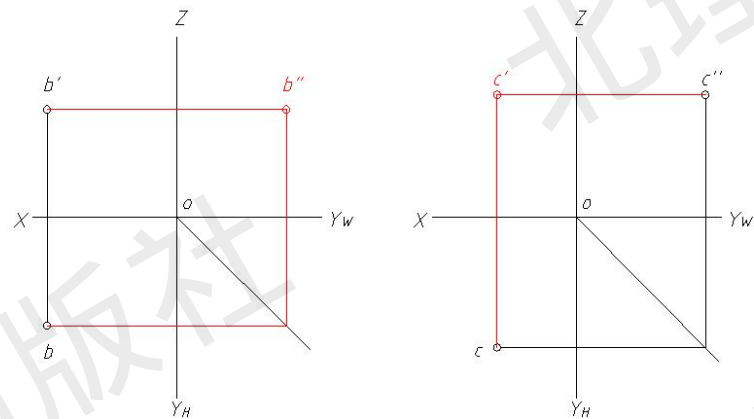


2-5 点的投影

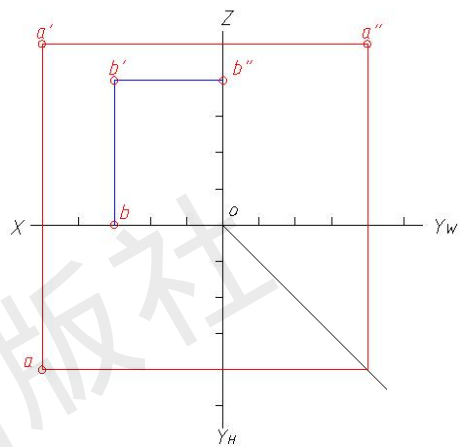
1. 在三面体系中作出点A的空间位置，并按立体图作点A的三面投影（坐标值在立体图中量取整数）



2. 已知点BC的两面投影，作第三投影

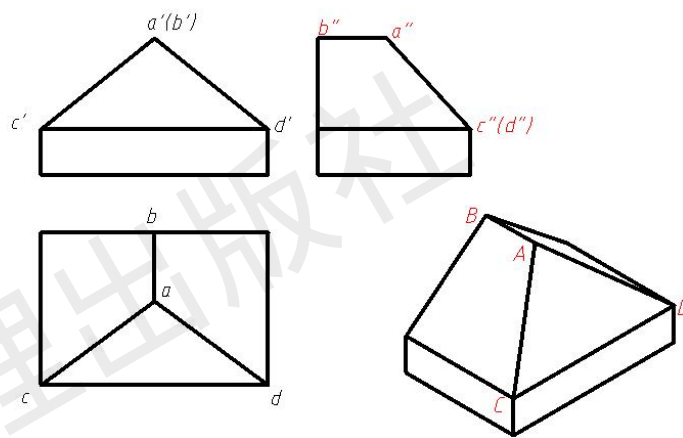


3. 作点A（25, 20, 25）、B（15, 0, 20）的三面投影，并填写他们与投影面的距离



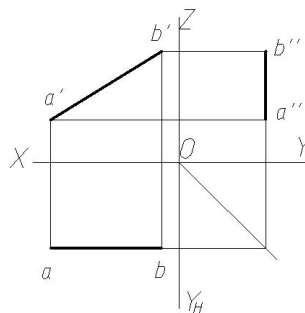
	距W面	距V面	距H面
A	25	20	25
B	15	0	20

4. 已知平面上点A、B、C、D的两面投影，标出它们的侧面投影，并在立体图上标出其位置

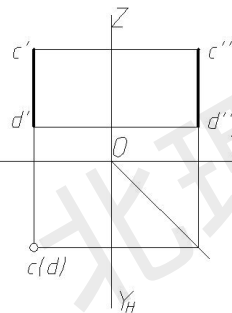


2-6 直线的投影（一）

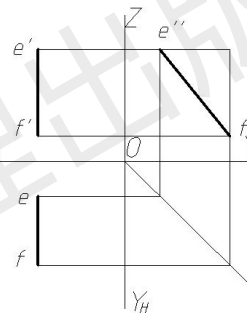
1. 判断下列各直线与投影面的相对位置。



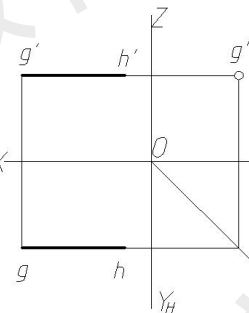
正平线



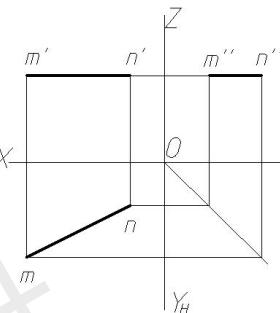
铅垂线



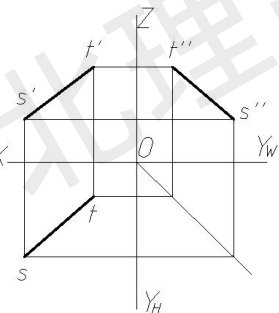
侧平线



侧垂线

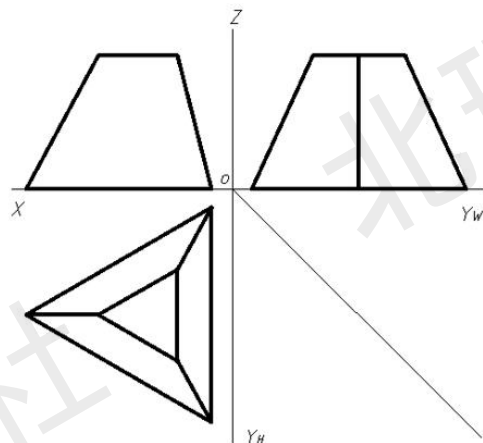


水平线



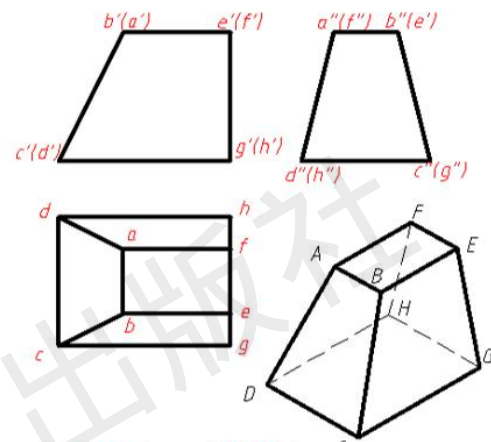
倾斜线

2. 已知正三棱台的主、俯视图，做左视图，并填空。



三棱台各棱线中有：
4条水平线，1条正平线，
2条正垂线，2条一般位置线

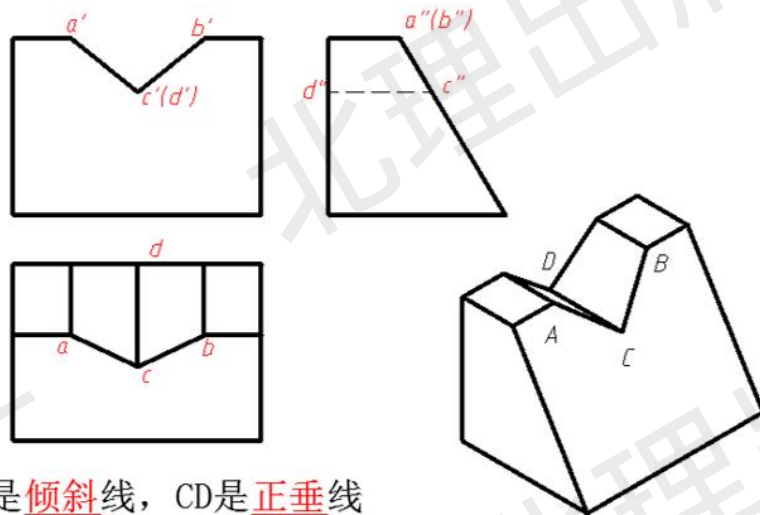
3. 在三视图中标出立体图各点的投影，并填空。



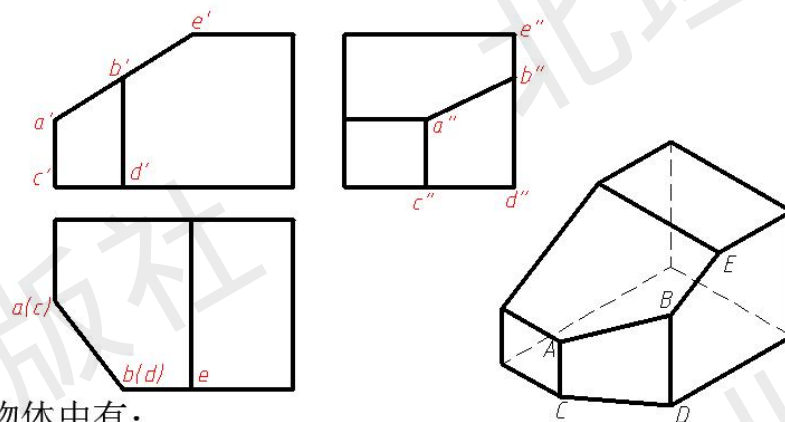
AB是正垂线，BC是倾斜线，
BE是侧垂线，EG是侧平线

2-7 直线的投影（二）

1. 补画俯视图中的漏线，标出直线AC、BC、CD的三面投影，填空



4. 补画俯、左视图中的漏线，标出直线AB、CD、BD、BE的三面投影，填空

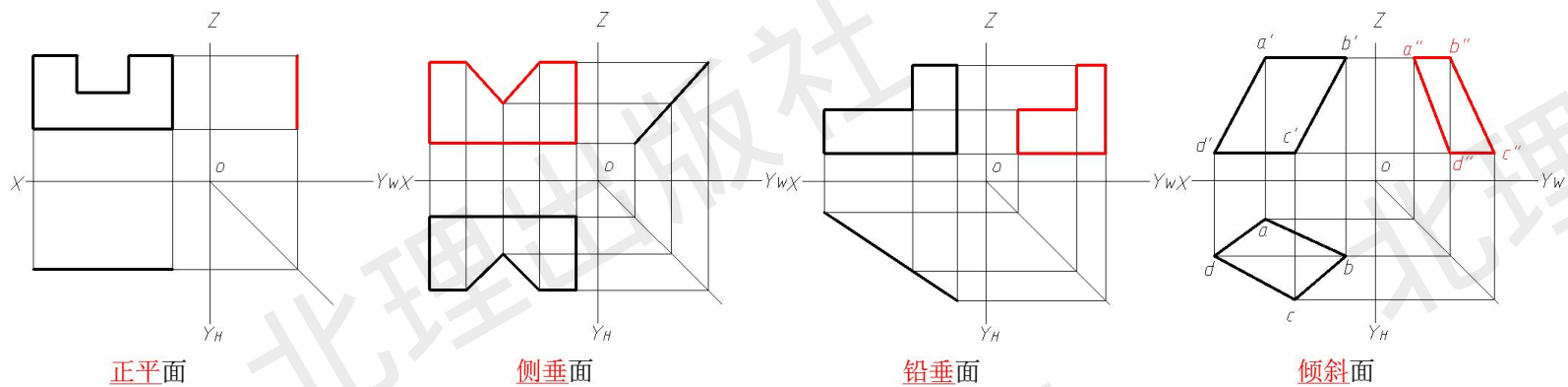


该物体中有：

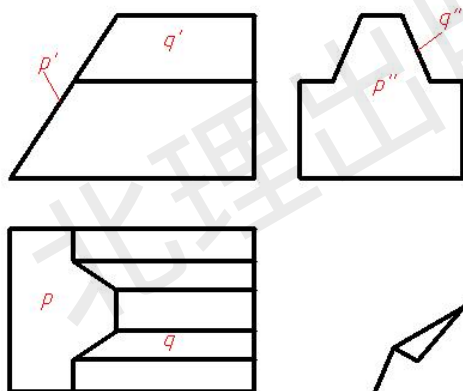
2条正平线，5条正垂线，1条水平线
5条铅垂线，4条侧垂线，1条一般位置直线

2-8 平面的投影（一）

1. 根据平面投影的两面投影，求作第三面投影，判断与投影面的相对位置，并填空。



3. 标出平面P、Q的三面投影，填空



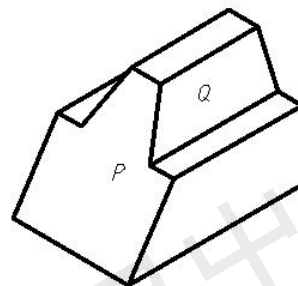
该物体表面有：

4个水平面

2个正平面

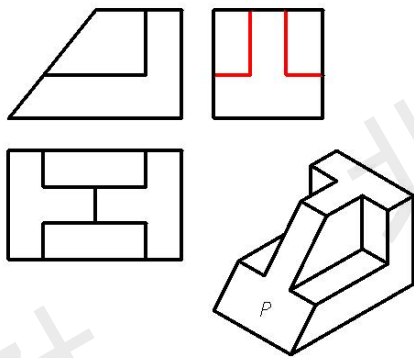
1个侧平面

面P是正垂面，
面Q是侧垂面。

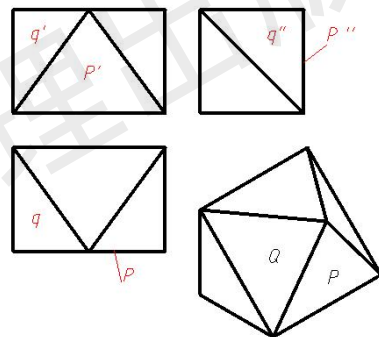


2-9 平面投影（二）

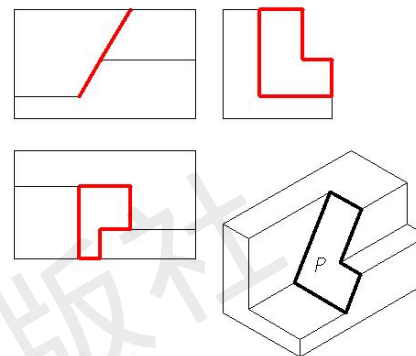
1. 已知平面P的两面投影，求作第三投影
2. 标出平面P、Q另两个投影，填空
3. 对照立体图，在第三视图上，将平面P的三面投影用粗线描出，填空



P是正垂面

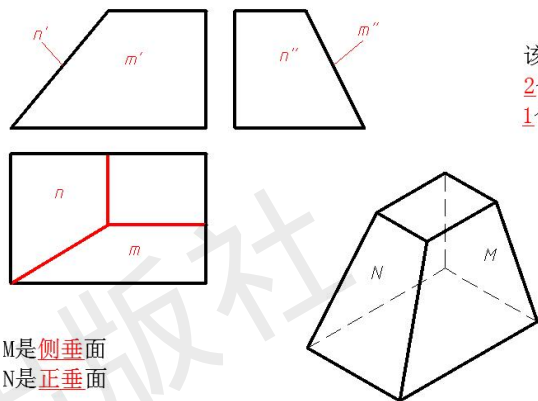


P是正平面
Q是倾斜面



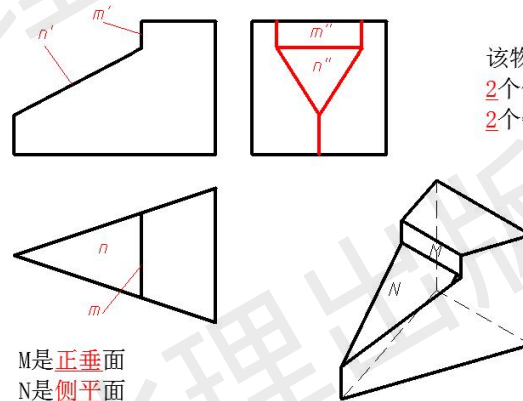
P是正垂面

4. 补画俯视图中漏线，标出平面M、N的投影，填空



M是侧垂面
N是正垂面

5. 补画左视图中漏线，标出平面M、N的投影，填空



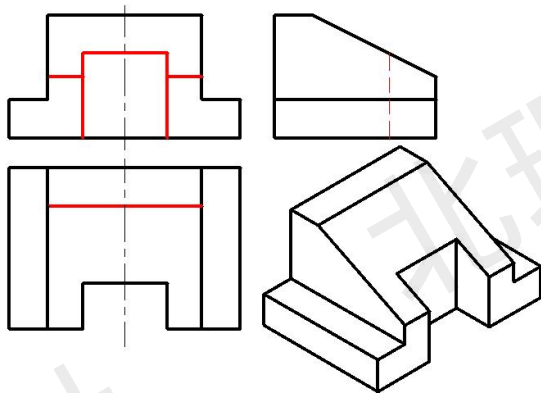
M是正垂面
N是侧平面

该物体表面有：
2个水平面
1个侧平面

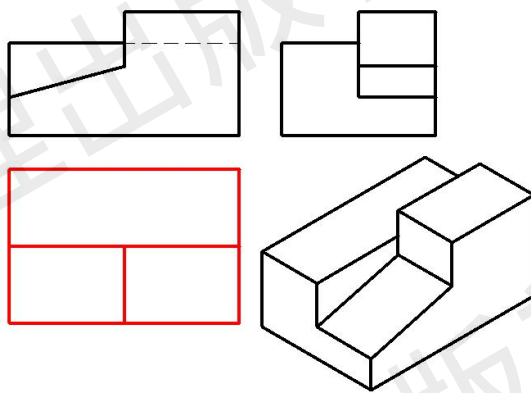
该物体表面有：
2个侧平面
2个铅垂面

2-10 自测题

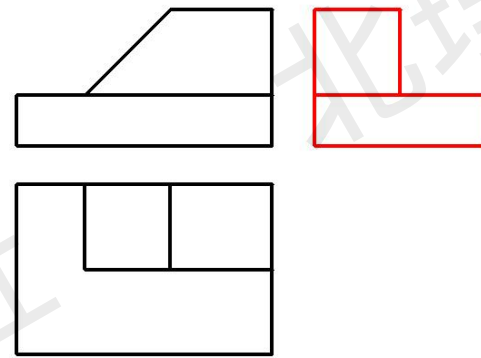
1. 参照立体图，补画视图中的漏线（6分）



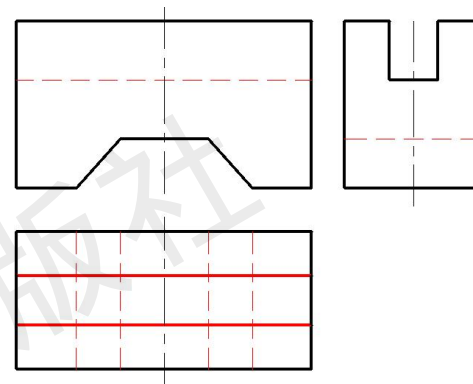
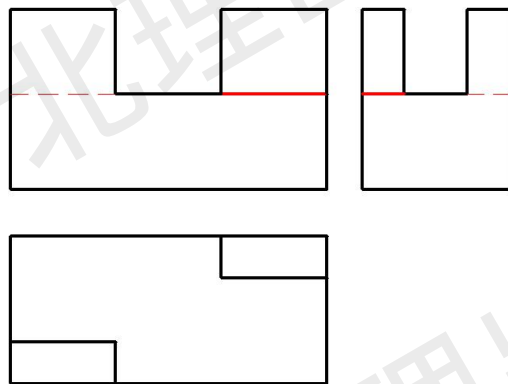
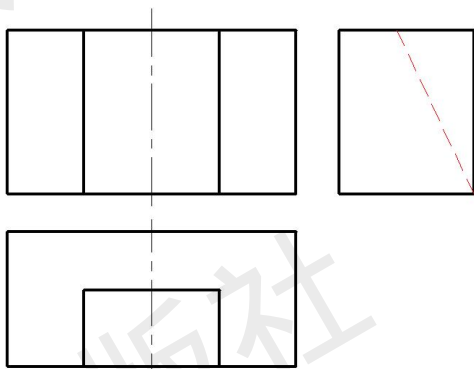
2. 参照立体图，补画俯视图（6分）



3. 看懂两视图，补画左视图（6分）



4. 根据给出的视图轮廓，想象物体的形状，补画所缺图线。



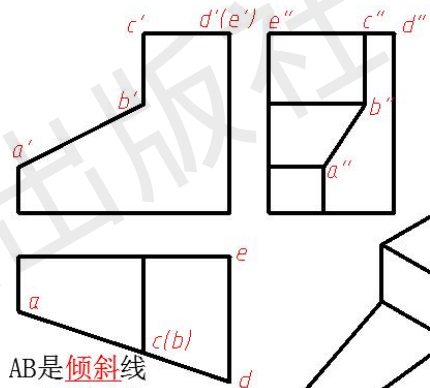
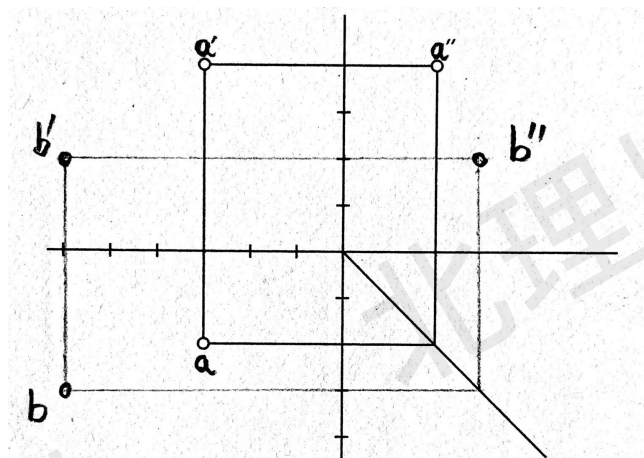
5. 填空题。（每题三分）

- (1) 正面投影是由前向后投射所得的图形，称为主视图；水平投影由上向下投射所得的图形，称为俯视图；侧面投影是由左向右投射所得的图形，称为左视图。
- (2) 三视图之间的投射对应关系是：主、俯视图长对正，主、左视图高平齐，俯、左视图宽相等且平行关系对应。
- (3) 点的三面投影的规律是：点的两面投影的连线必垂直投影轴；点的投影到投影轴的距离，等于空间点到对应投影面的距离。
- (4) 点到W面距离为该点的X坐标，点到V面的距离为该点的Y坐标，点到H面的距离为该点的Z坐标。
- (5) 直线平行与投影面，其投影等于空间直线的实长；直线垂直与投影面，其投影积聚为一点；直线倾斜于投影面，其投影仍为直线，但其长度比空间直线短。
- (6) 平面平行于投影面，其投射反映空间平面的实形；平面垂直于投影面，其投影积聚为线段；平面倾斜于投影面，平面的投射为空间面的类似形。

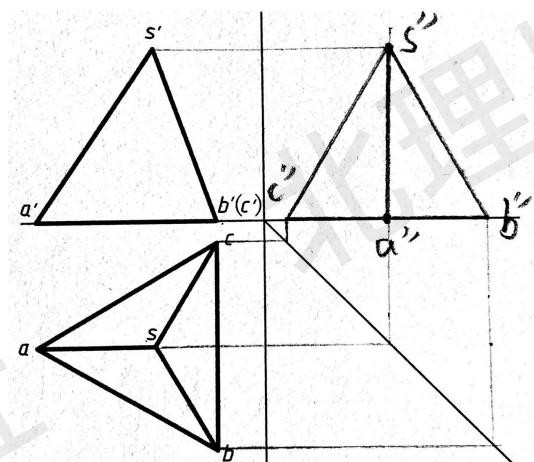
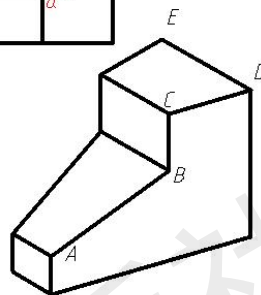
6.

7.

8.

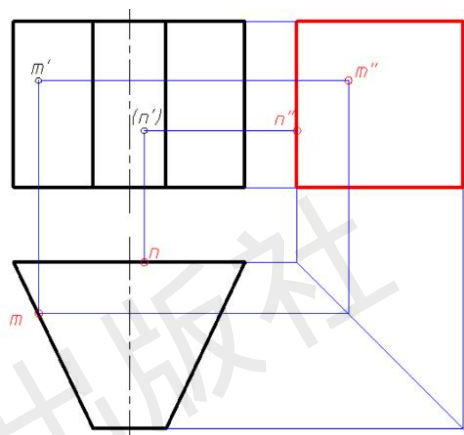


AB是倾斜线
BC是铅垂线
CD是水平线
DE是正垂线

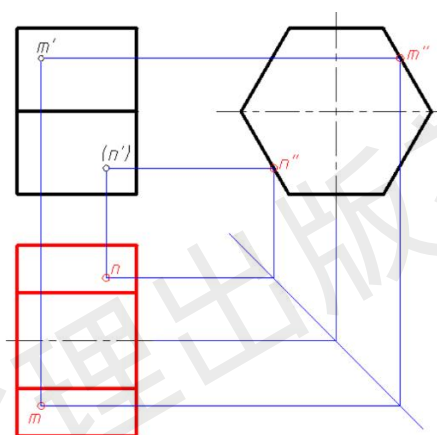


2-11

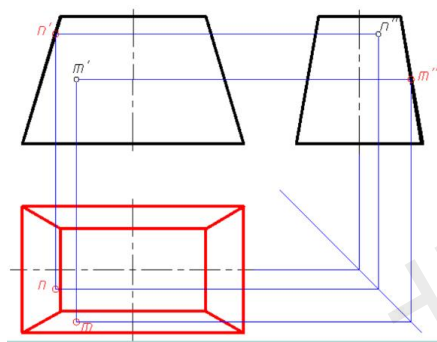
1.



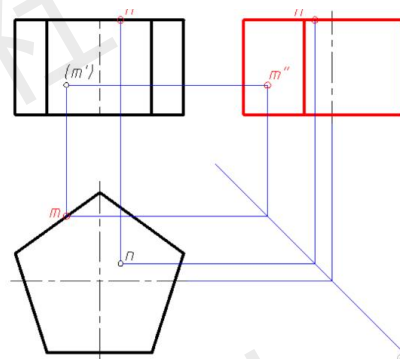
2.



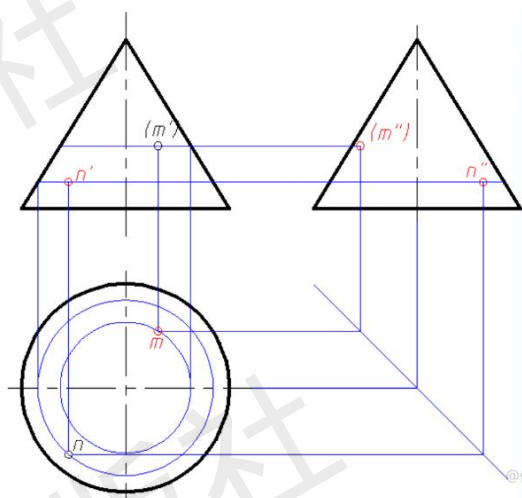
3.



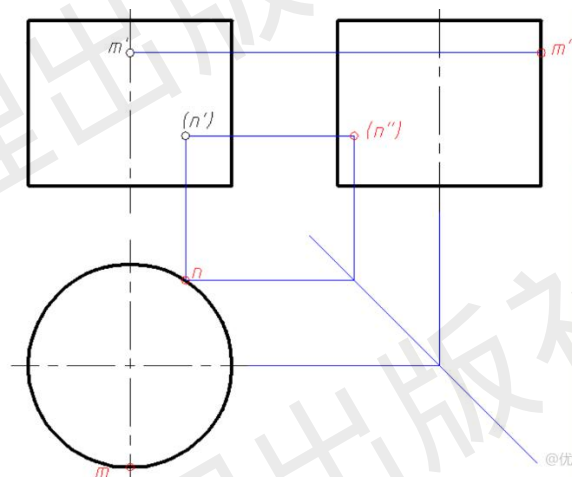
4.



5.



6.

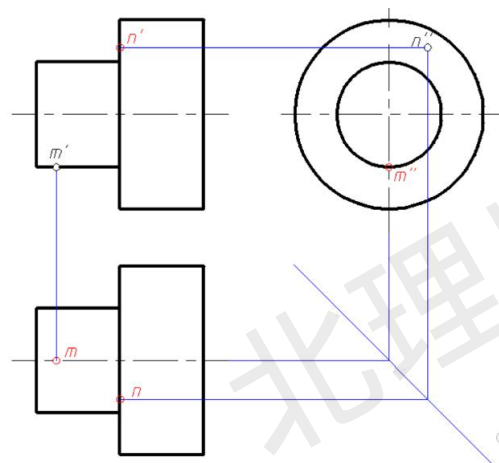


7.

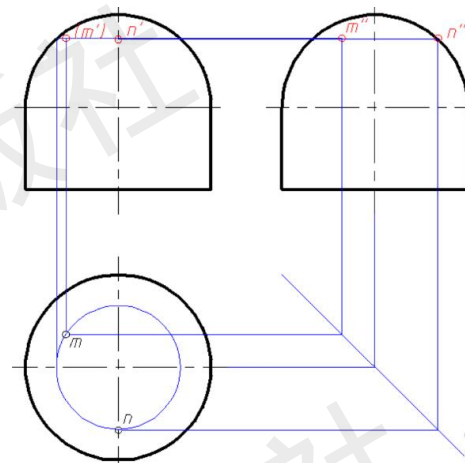


8.

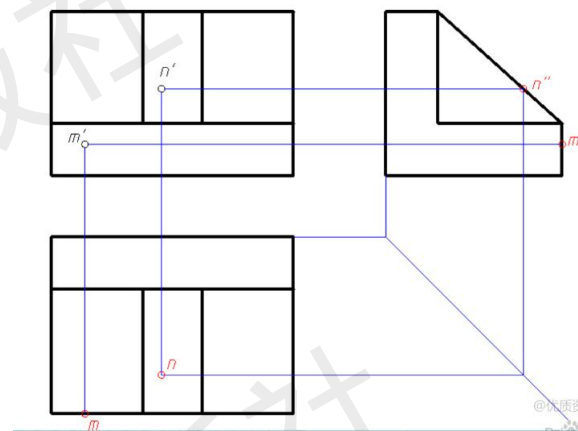




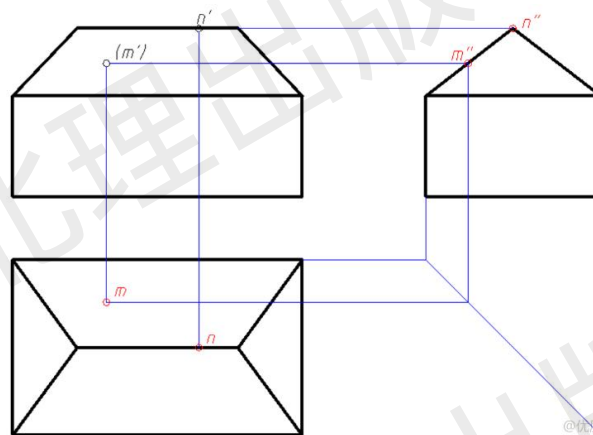
9



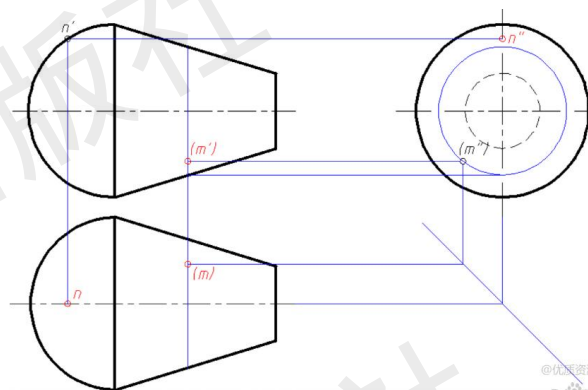
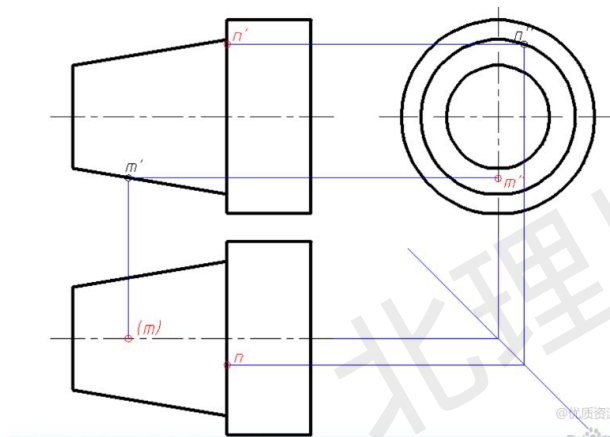
10.



11.

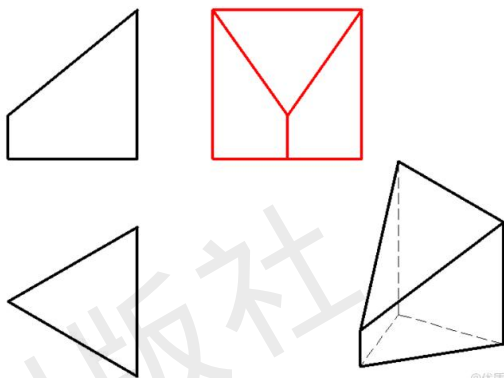


12.



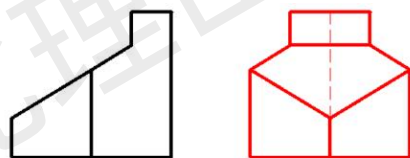
2-12

1.

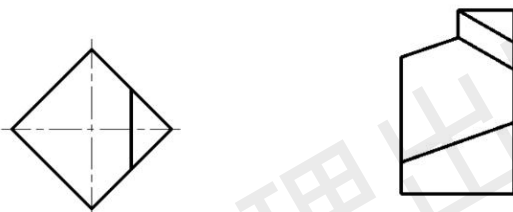


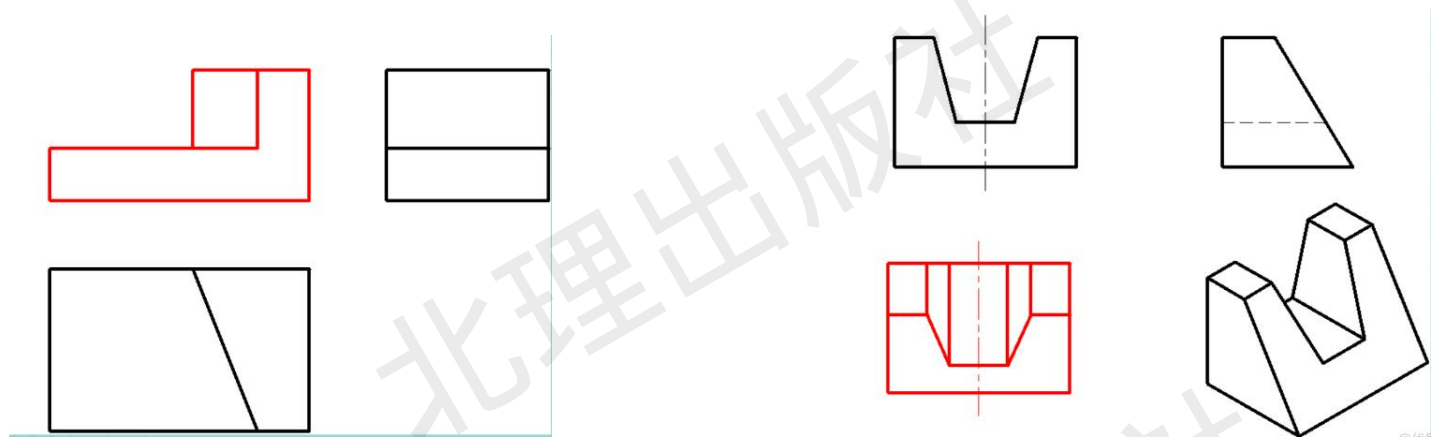
2.

2.



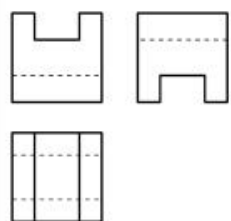
4.



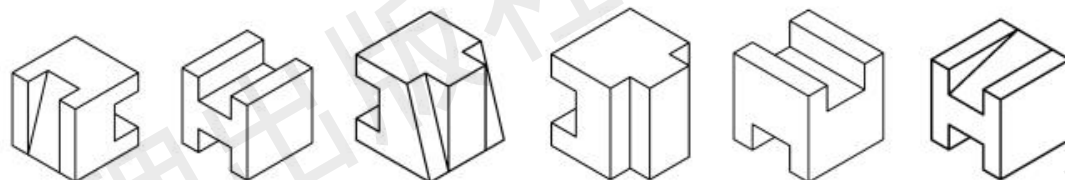


2-13

1、选择与三视图对应的立体图编号填入括号内



(e)



(a)

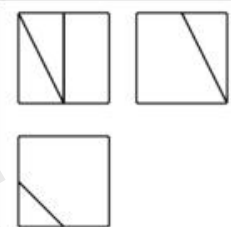
(b)

(c)

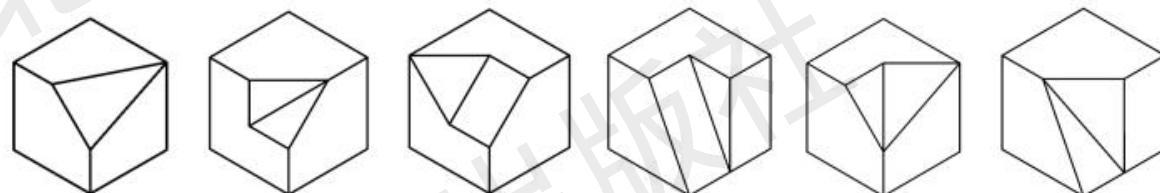
(d)

(e)

(f)



(e)



(a)

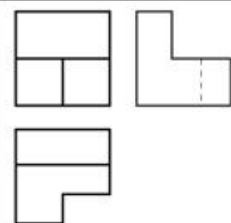
(b)

(c)

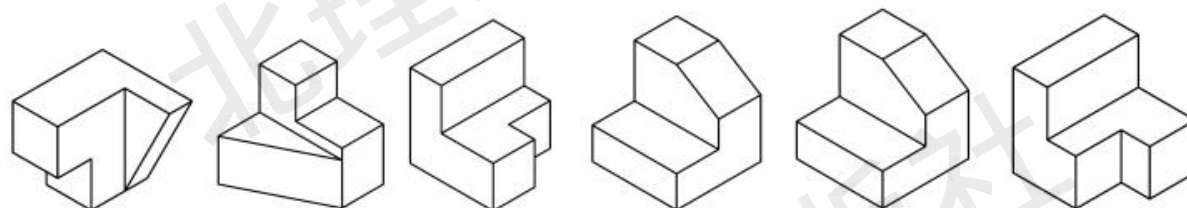
(d)

(e)

(f)



(c)



(a)


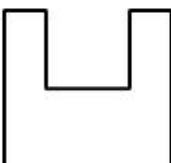

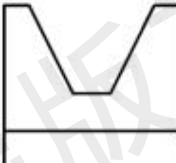
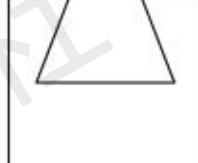

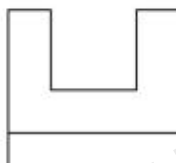

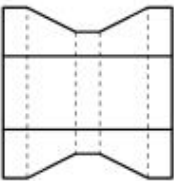
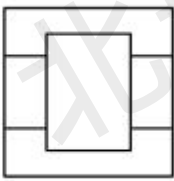
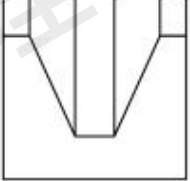
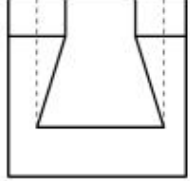
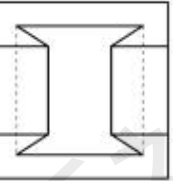
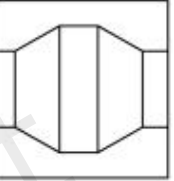
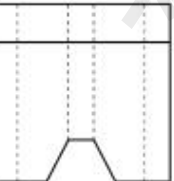
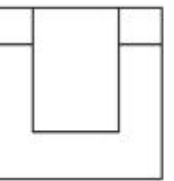

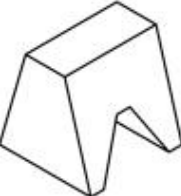
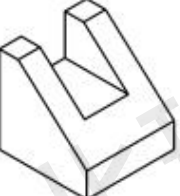
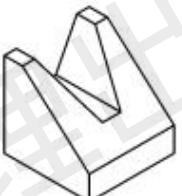


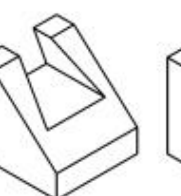
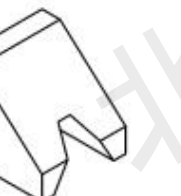
(b)

(c)

(d)

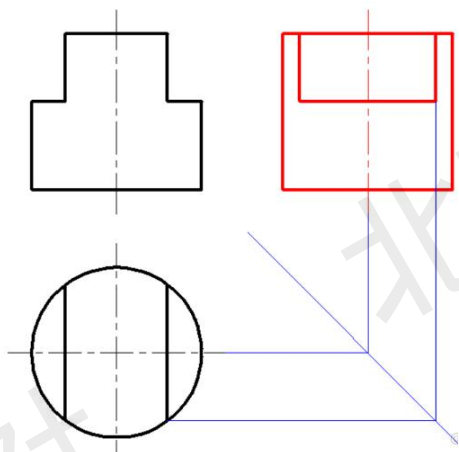
(e)

(f)

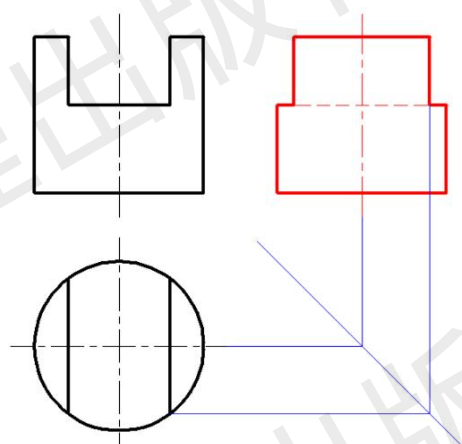
主视图	       							
俯视图	       							
立体图	       							
主	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
俯	g	b	d	c	e	f	h	a
立	H	A	G	D	E	F	C	B

2-14

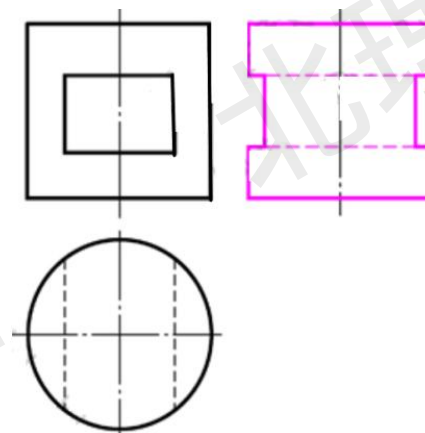
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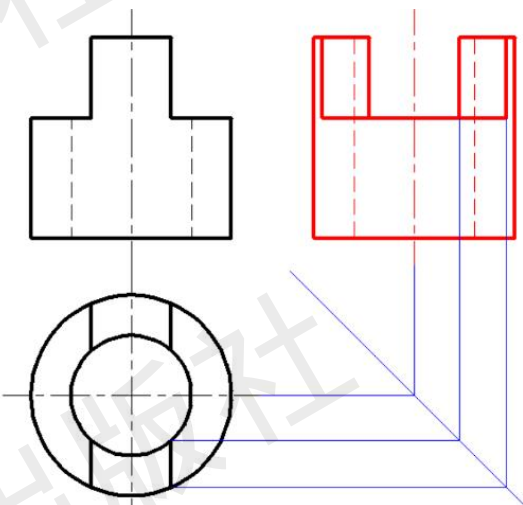
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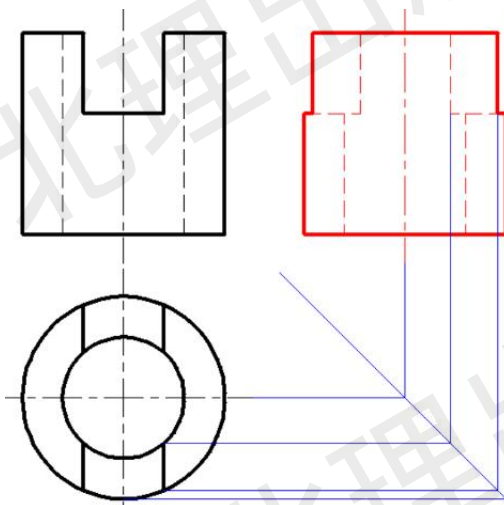
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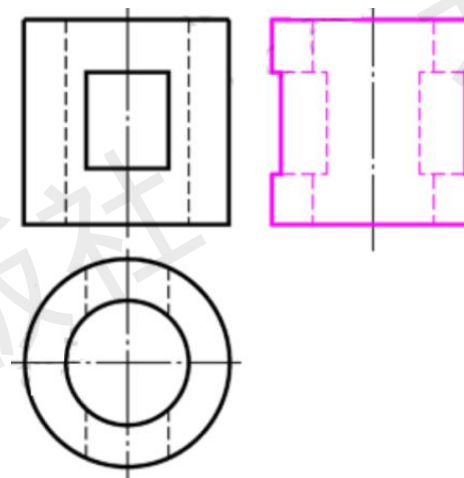
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5.

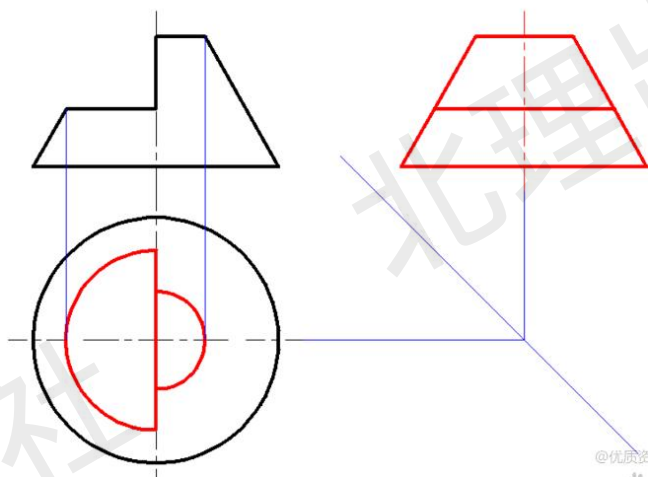


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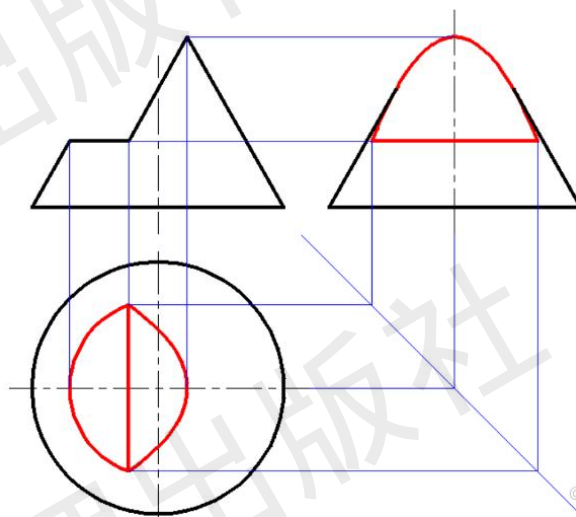


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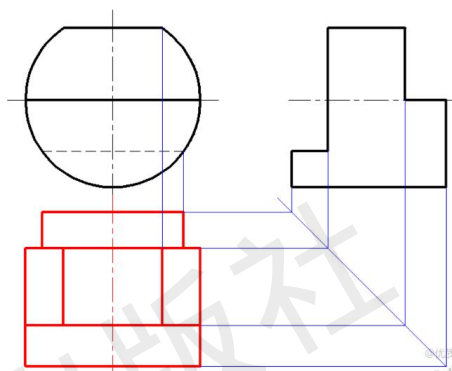
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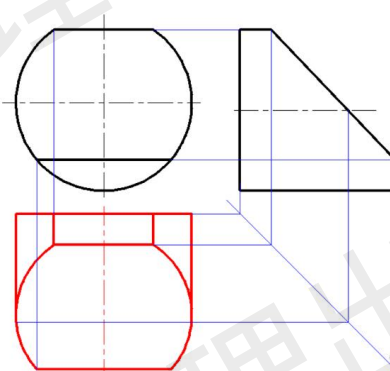
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3.

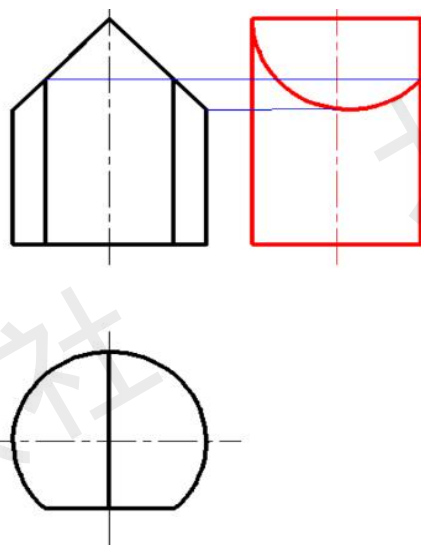


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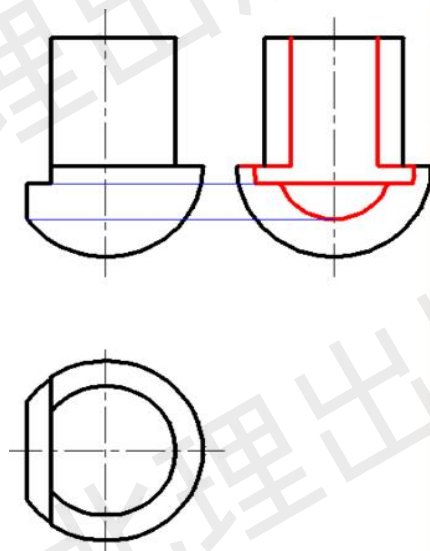


2-16

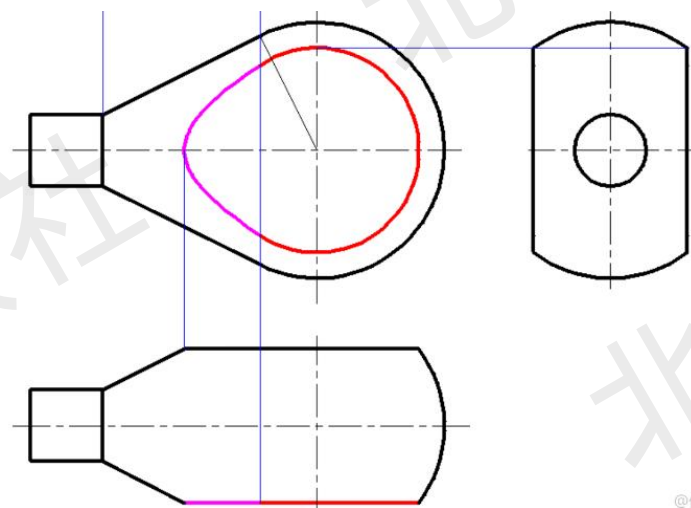
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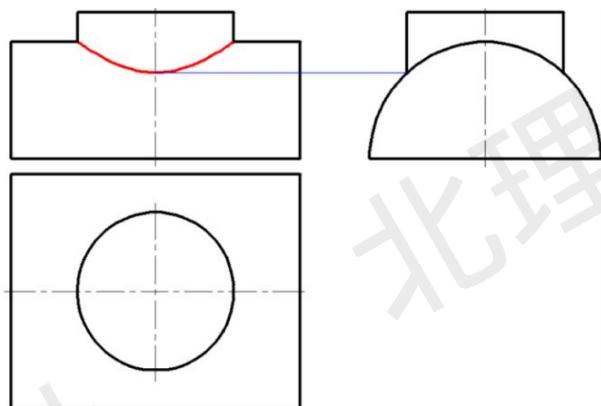
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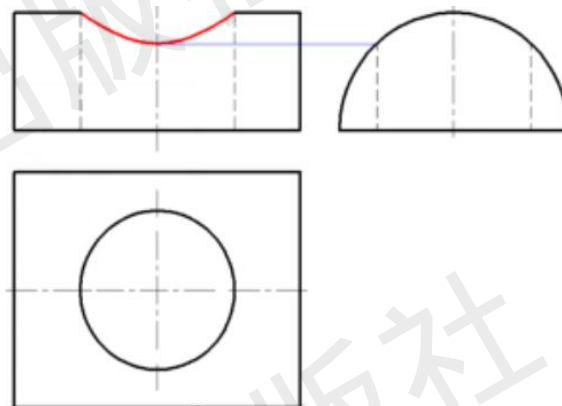
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2-17

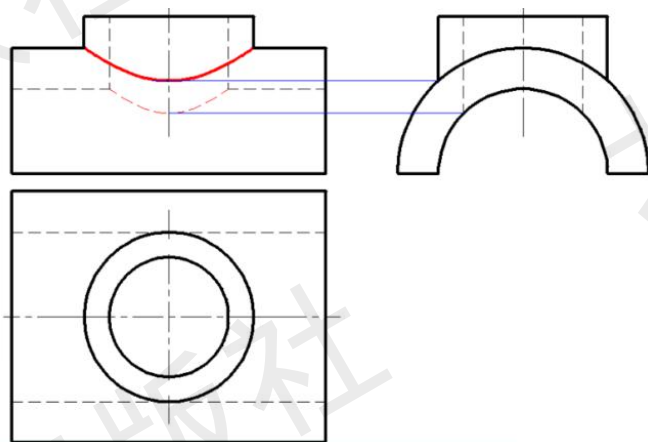
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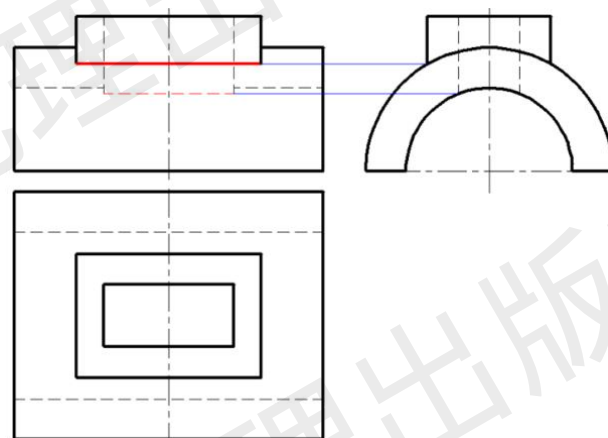
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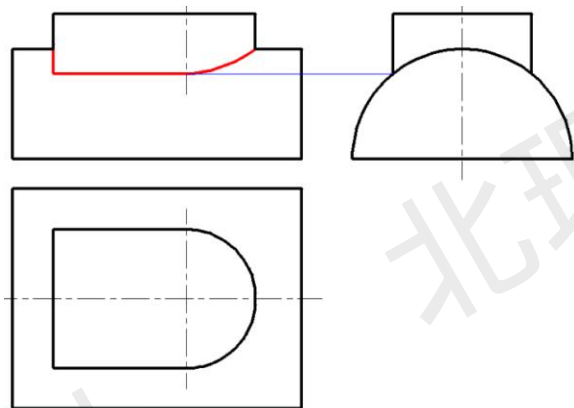


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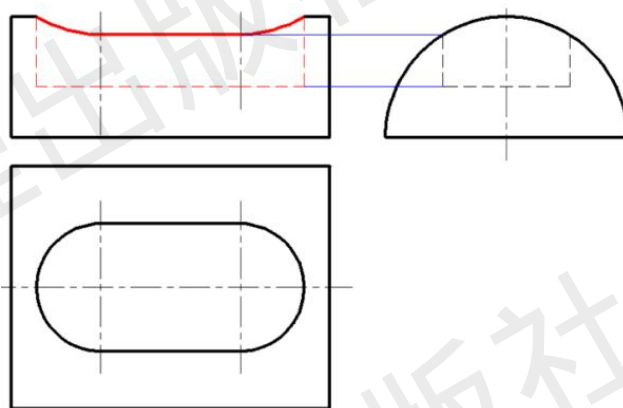


2-18

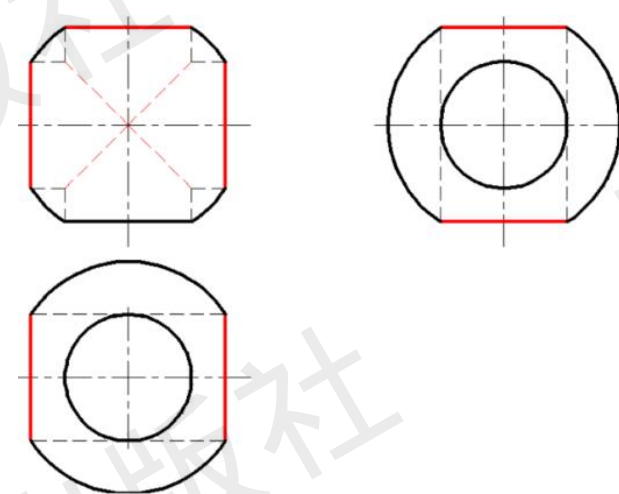
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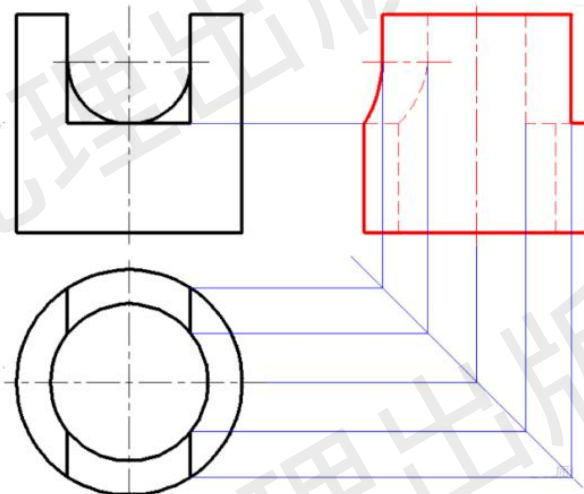
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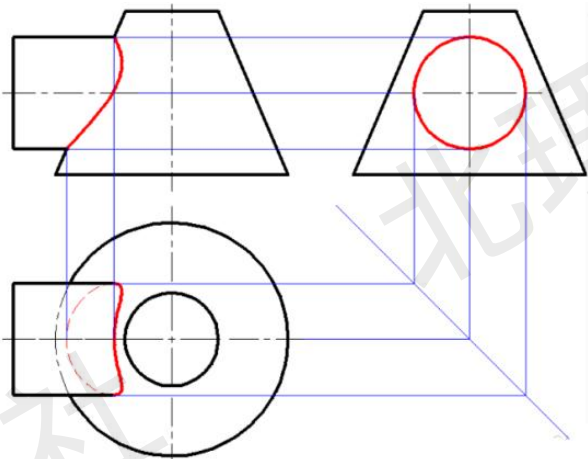


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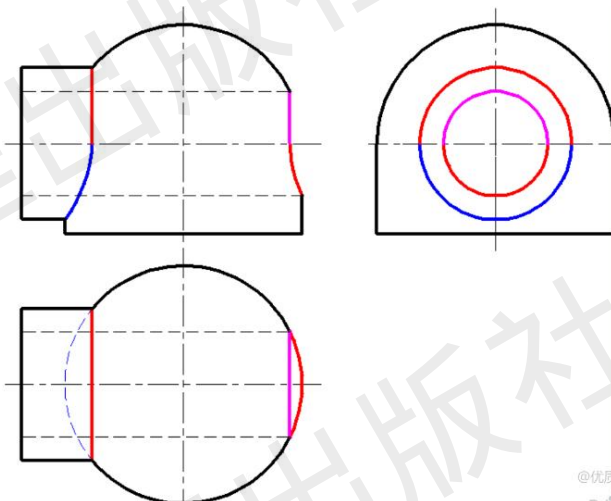


2-19

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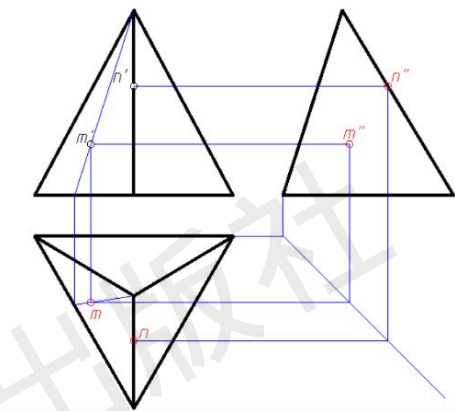


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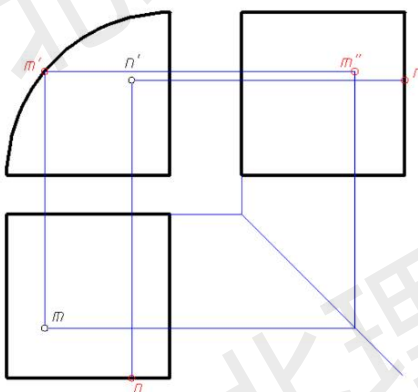


2-20 自测题

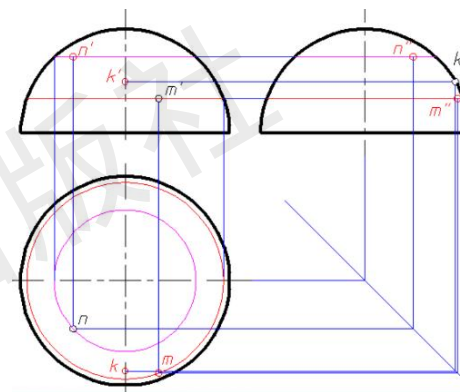
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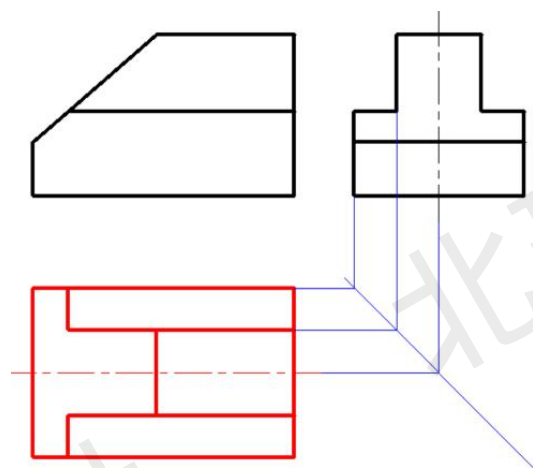
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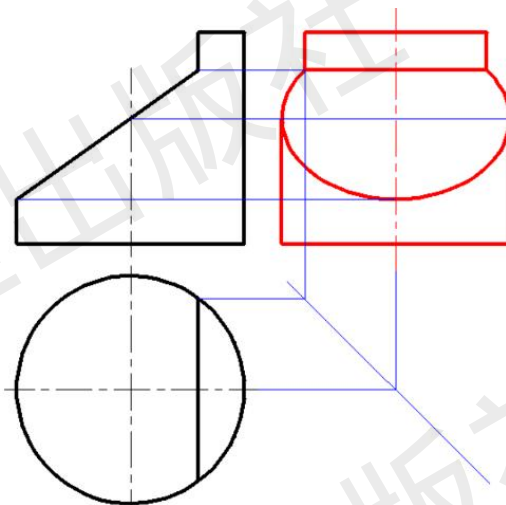
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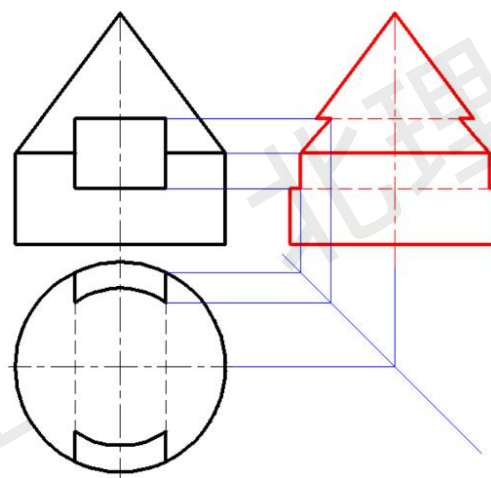
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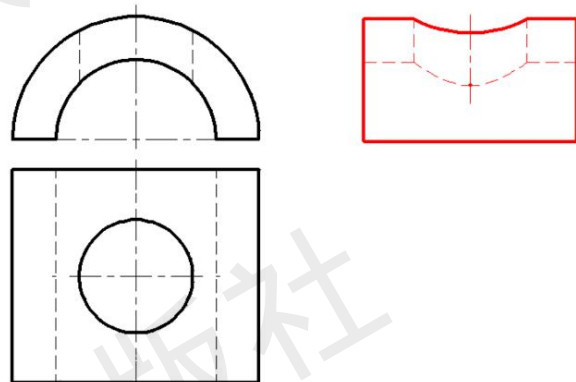
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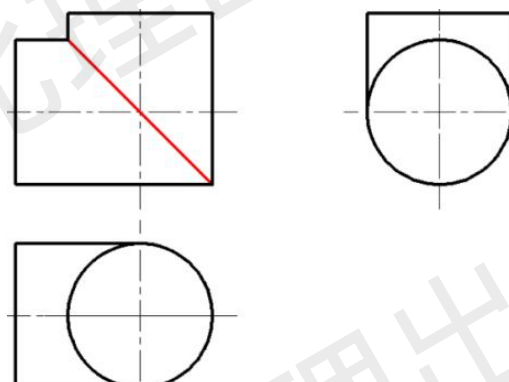
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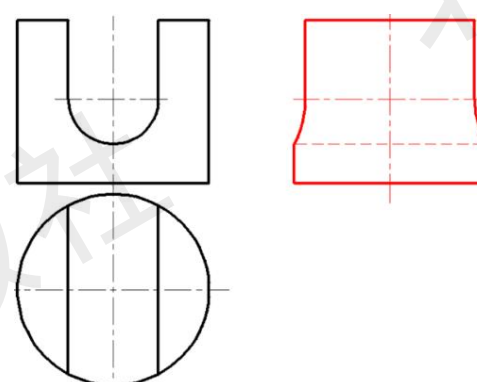
7.



8.



9.



10.

