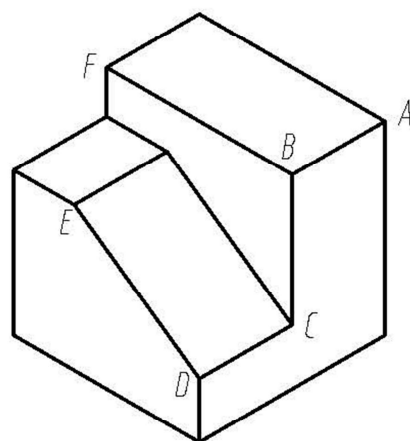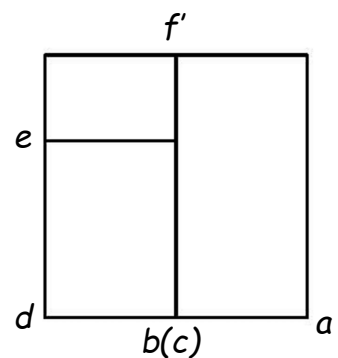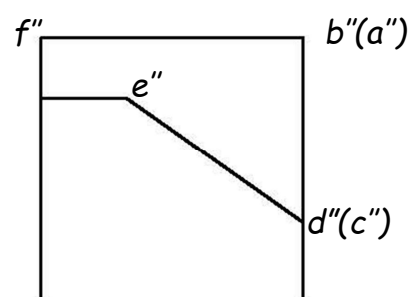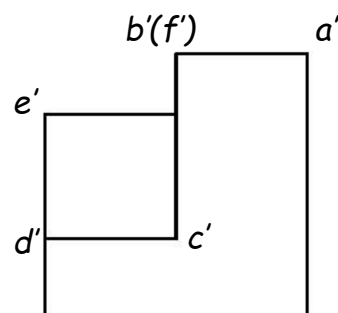# 2-1 Projection of Points and lines 点和直线的投影

2-1-1 Point out the positons 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
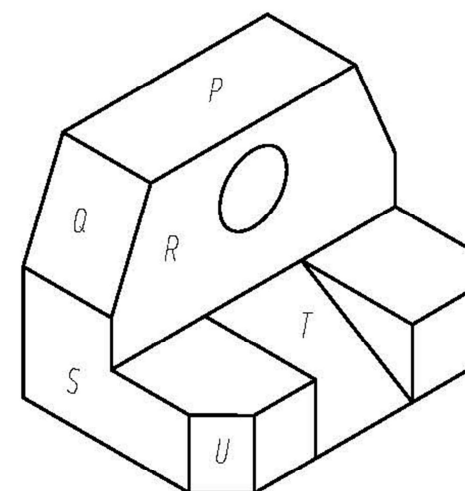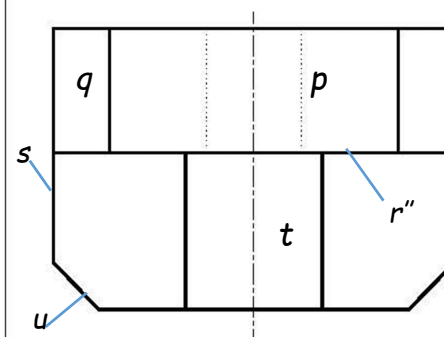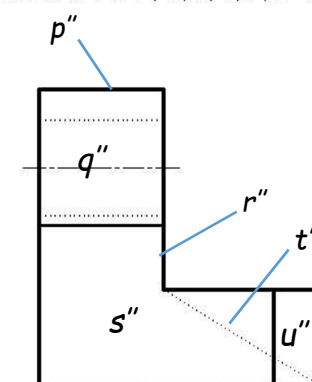

AB: _⊥W，侧垂线_

BC: _⊥H，铅垂线_

CD: _⊥W，侧垂线_

DE: _//W，侧平线_

BF: _⊥V，正垂线_

2-2 Projection of planes 平面的投影

2-2-1 Point out the positons 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
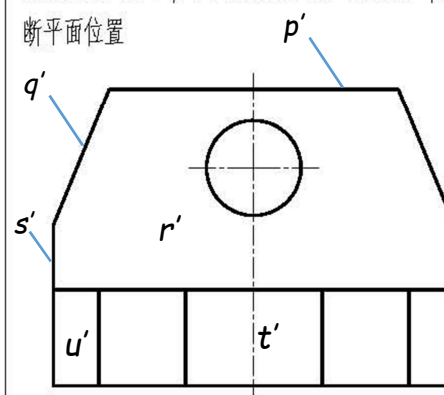
P: _//H，Horizontal plane 水平面_

Q: _⊥W，正垂面_

R: _//V, frontal plane，正平面_
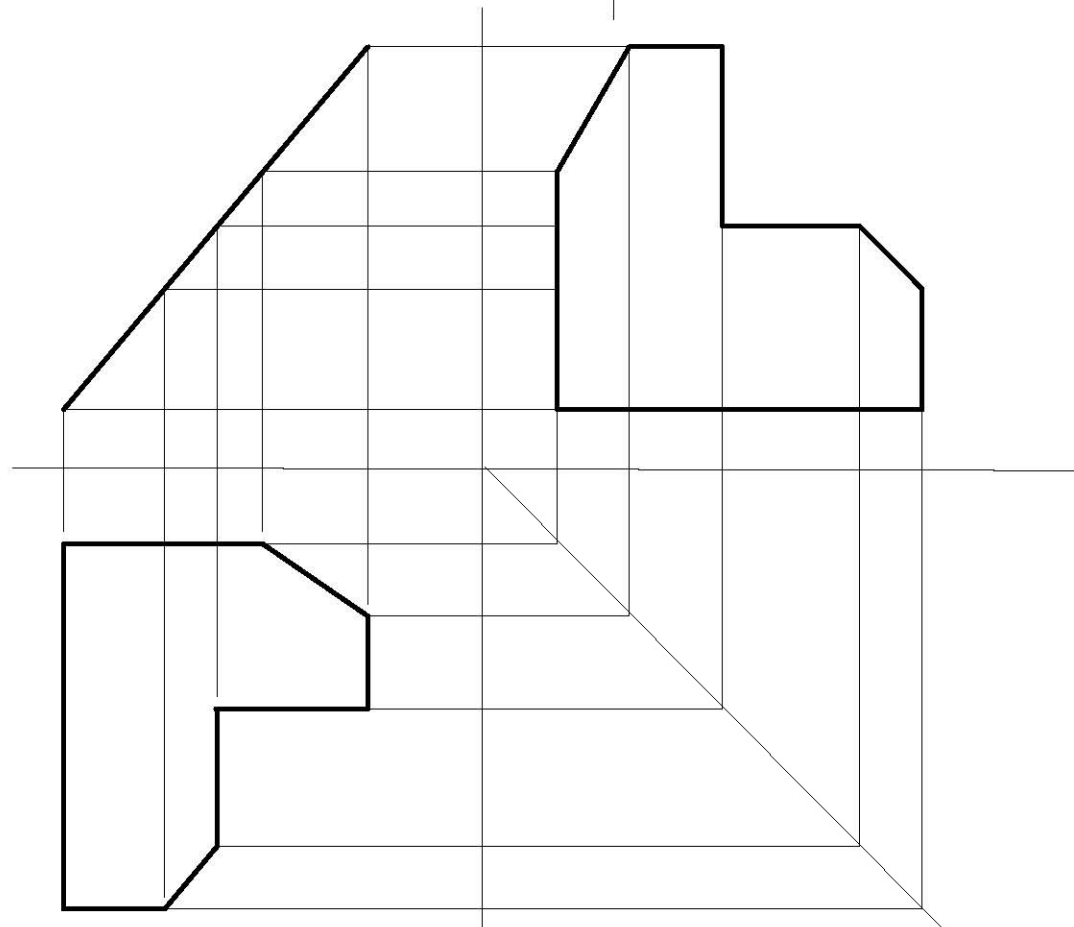
S: _//W, profile plane，侧平面_

T: _⊥W，侧垂面_

U: _⊥H，铅垂面_

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）
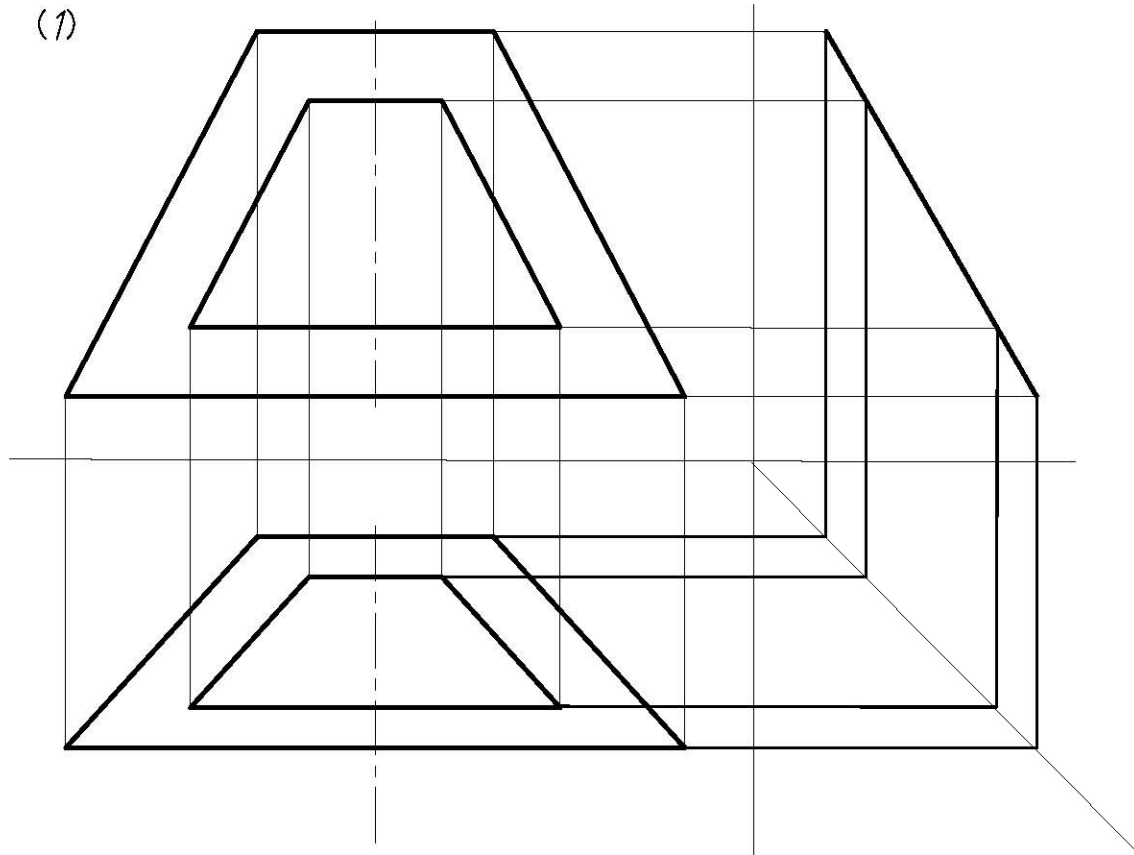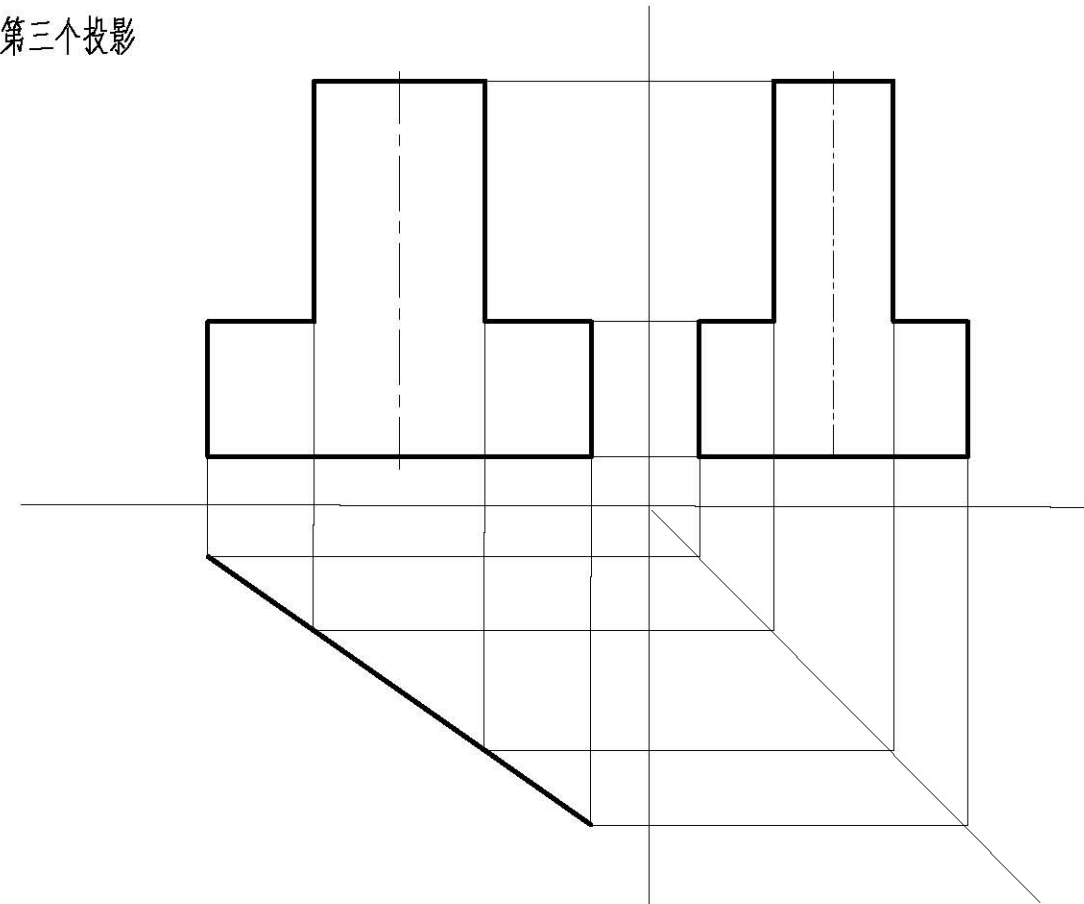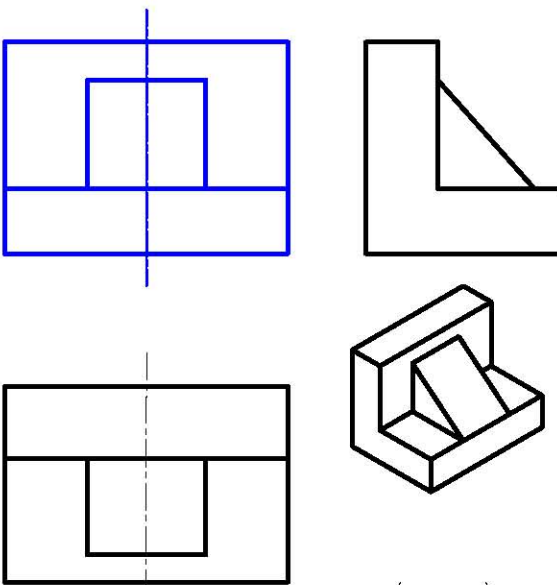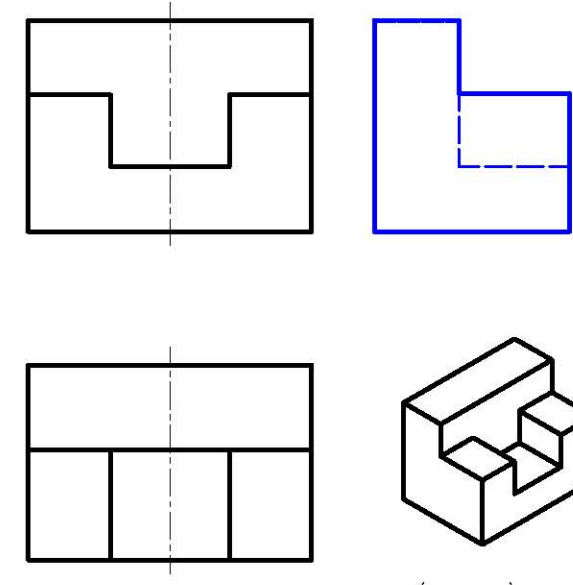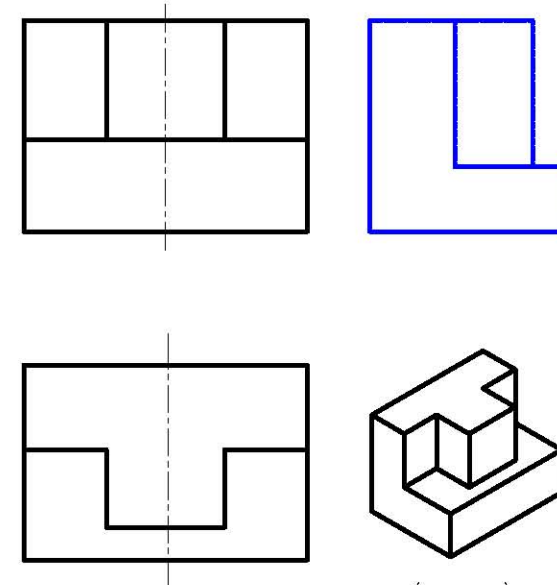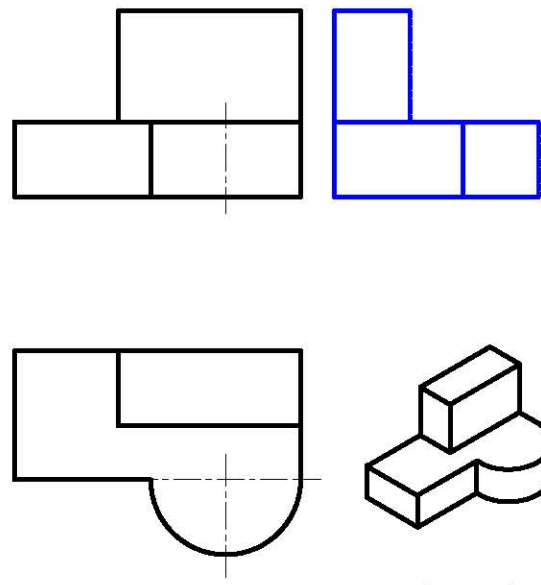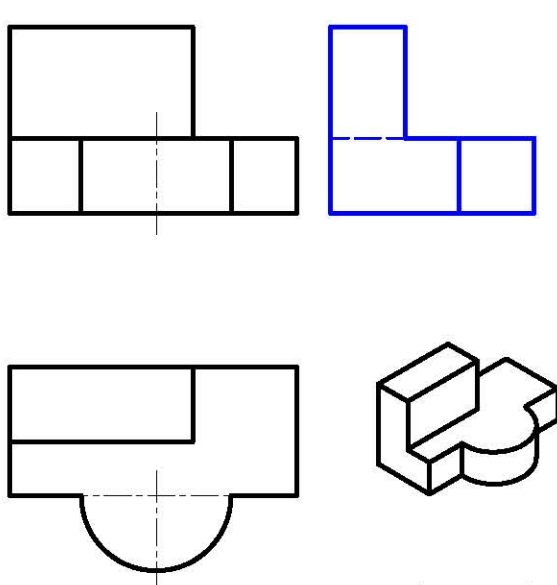
（4）
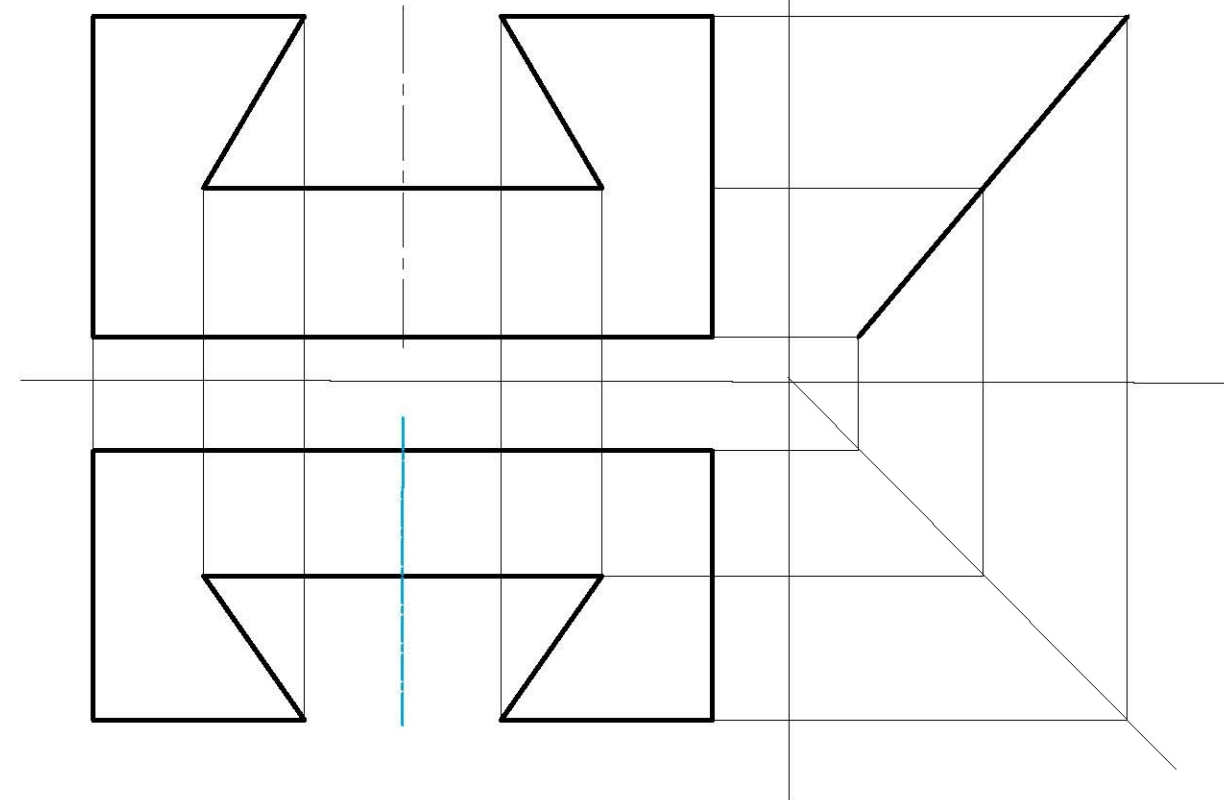
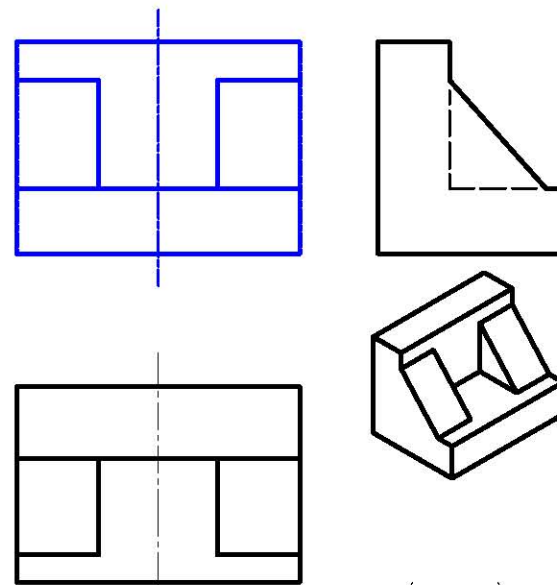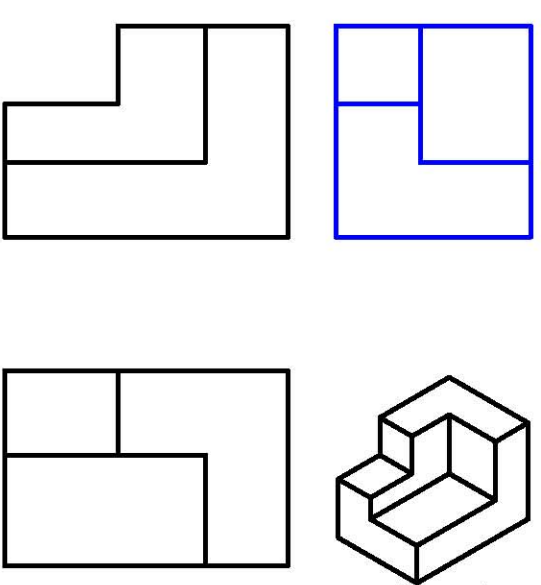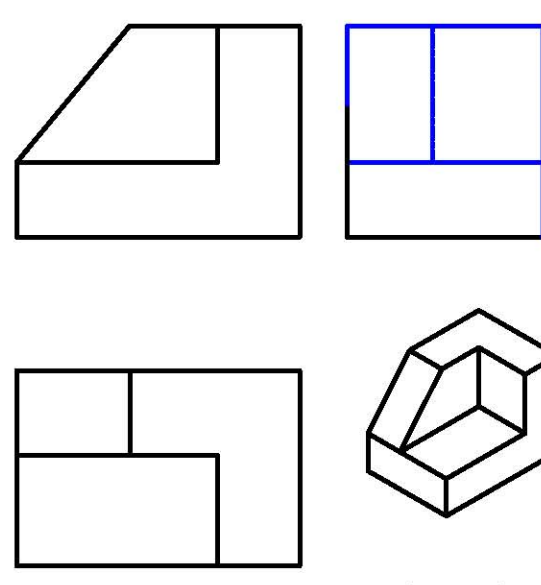## 2-3 Projections of solids 立体的投影

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

(1) ((K))

(2) ((D))

(3) ((B))

(4) ((A))

(5) ((J))

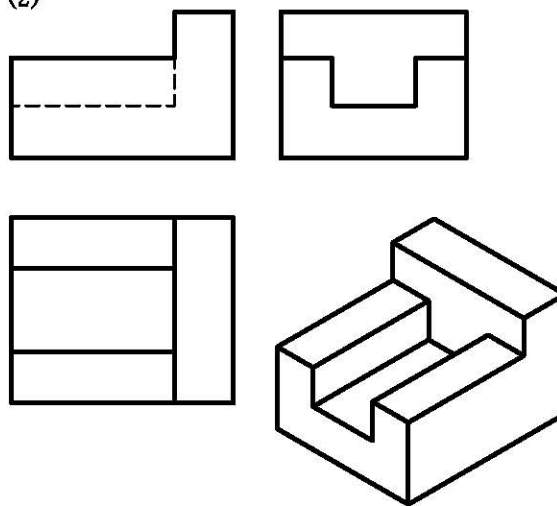(6) ((G))

(7) ( )

(8) (C)

2-3 Projection of solids 立体的投影

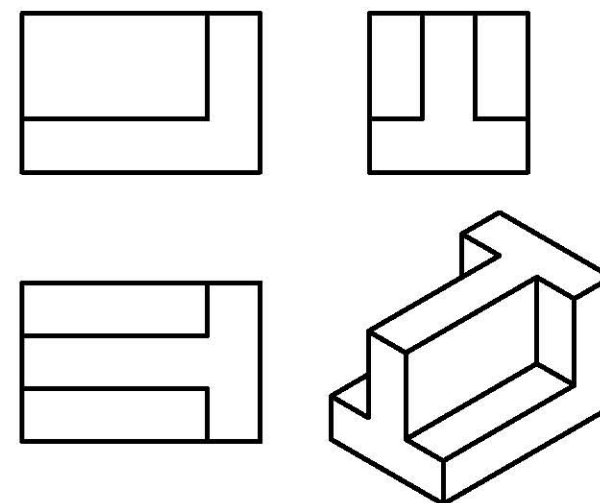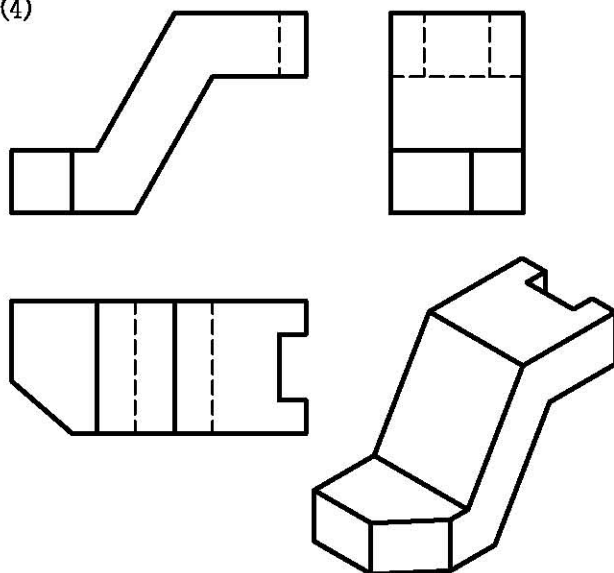2-3-2 Complete each views (add missing lines) 补全三视图中缺少的线

(1)

(2)

(3)

(4)

(5)

(6)