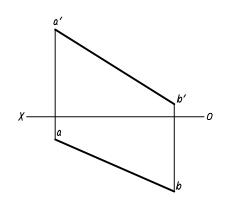
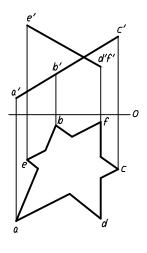
## 一、点、直线、半面的投影

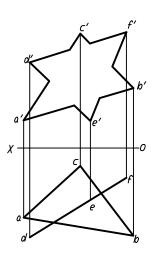
1. 用直角三角形法求直线AB的实长及其对H面、V 面的倾角 $\alpha, \beta$ 。



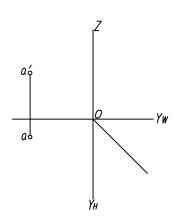
2. 作出△ABC 和△DEF的交线MN, 并判别可见性。



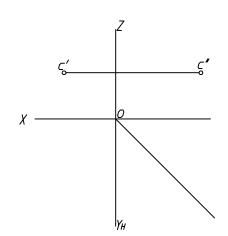
3. 作出△ABC 和△DEF的交线MN,并判别可见性。



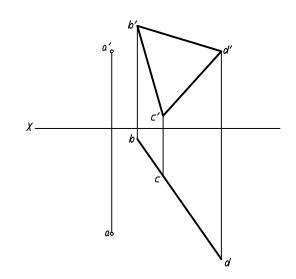
- 4. 求作直线的三面投影。
  - (1) 直线AB为水平线,长15, 且点B在点A右前方,β=30°。



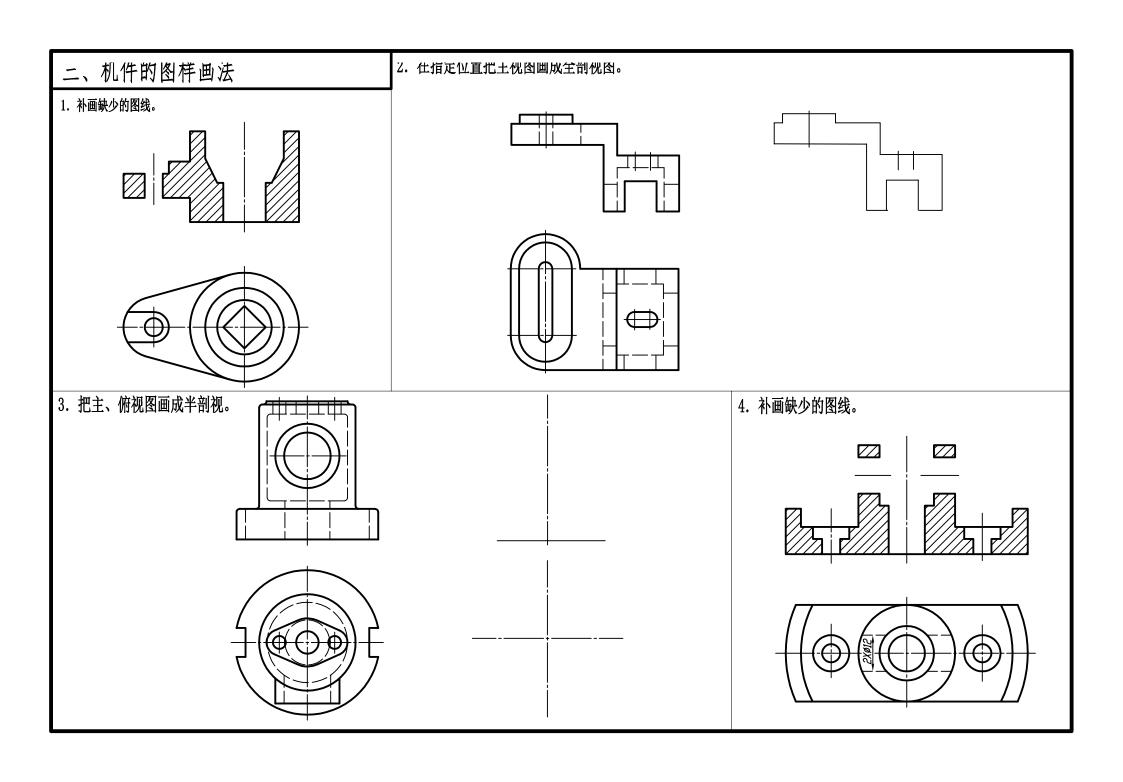
(2) 直线 *CD*为正垂线,长15, 且点 *D* 在点 *C* 之后。



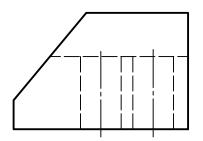
5. 由点A作 $\triangle BCD$ 的垂线,AK为垂线,K为垂足,并标出点K到  $\triangle BCD$ 的真实距离。由点A作平面 P平行 $\triangle BCD$ ;由点A作铅垂面P $\bot$   $\triangle BCD$ ;平面P、Q用迹线表示。

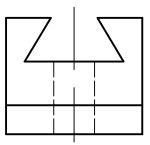


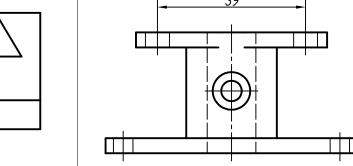
# 二、立体的投影 2. 补全俯视图并画出左视图。 1. 求左视图。 4. 求主视图。 3. 求俯视图。

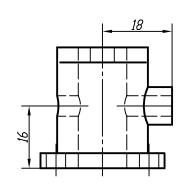


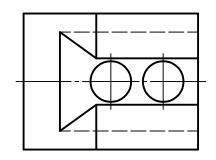
# 四、尺寸标汪(长度取整)

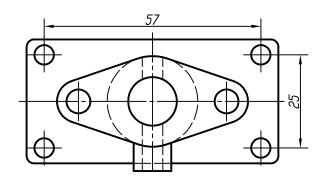


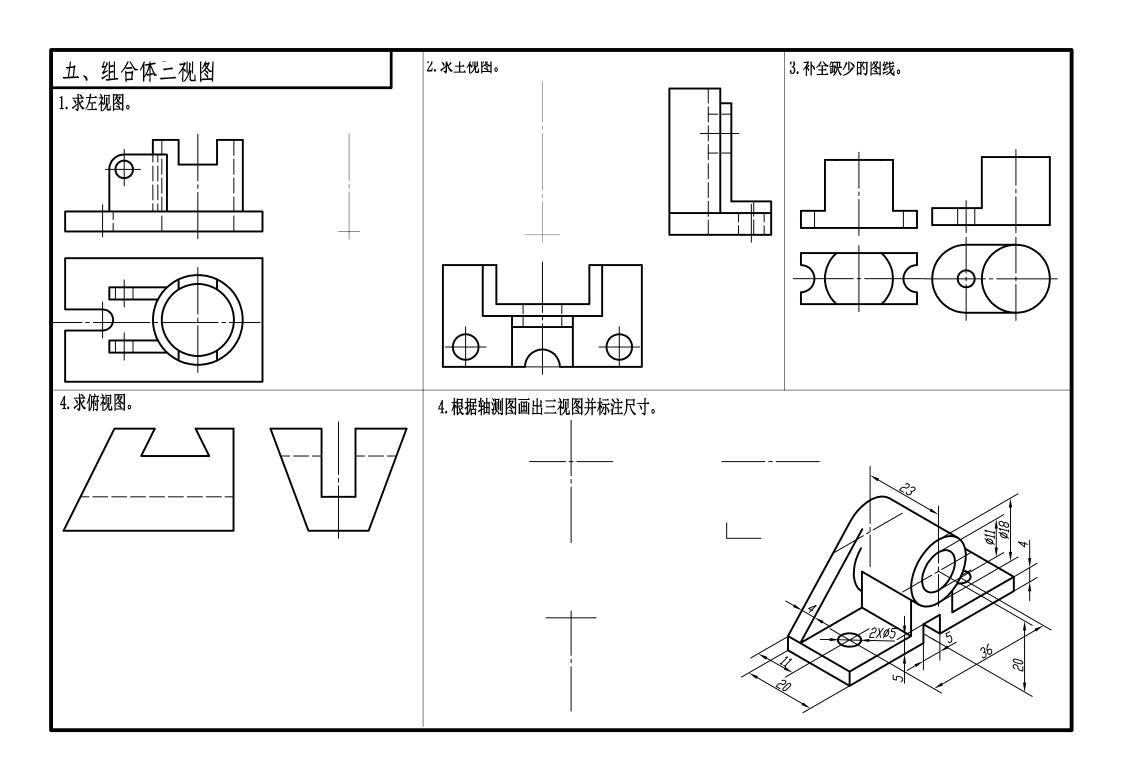


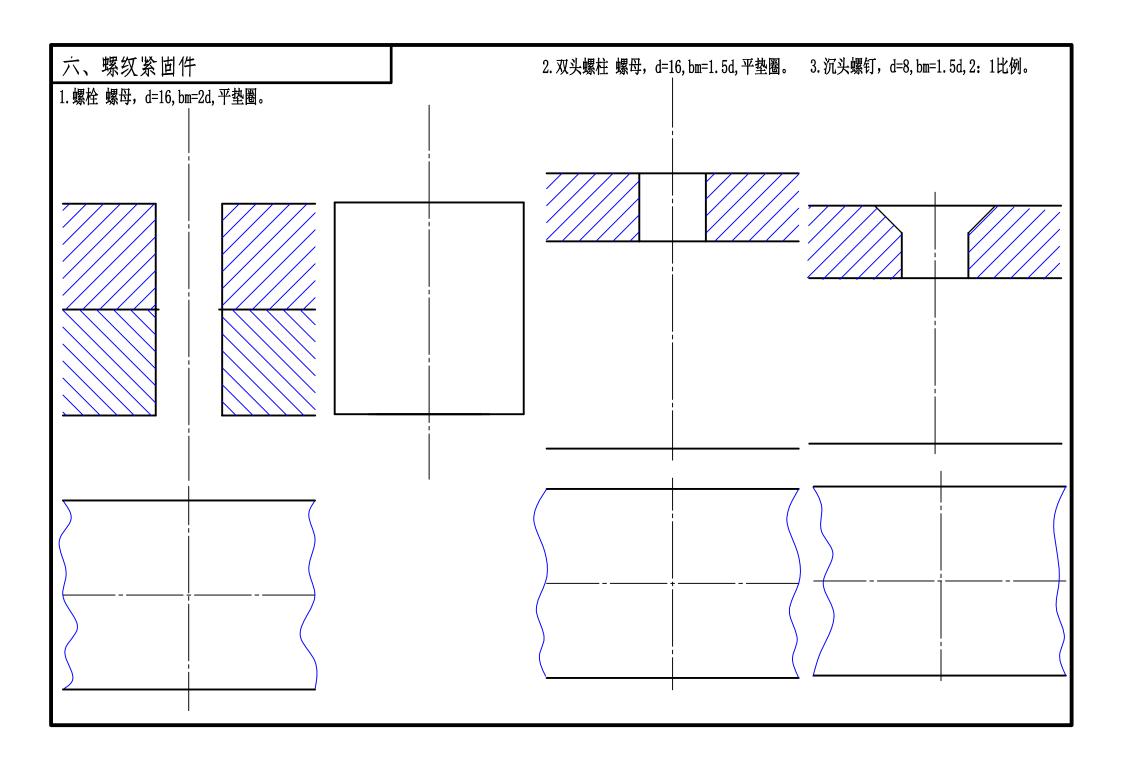




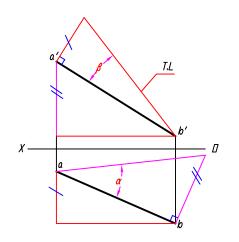


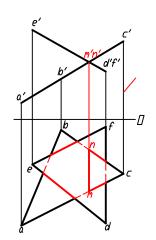


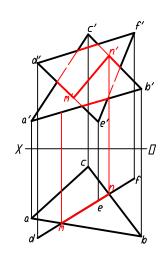


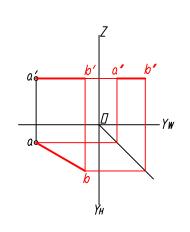


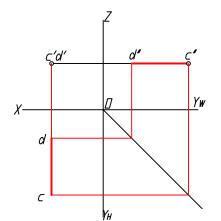
# 一、点、直线、半面的投影-答案

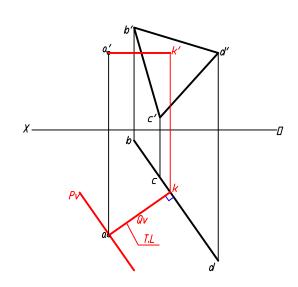


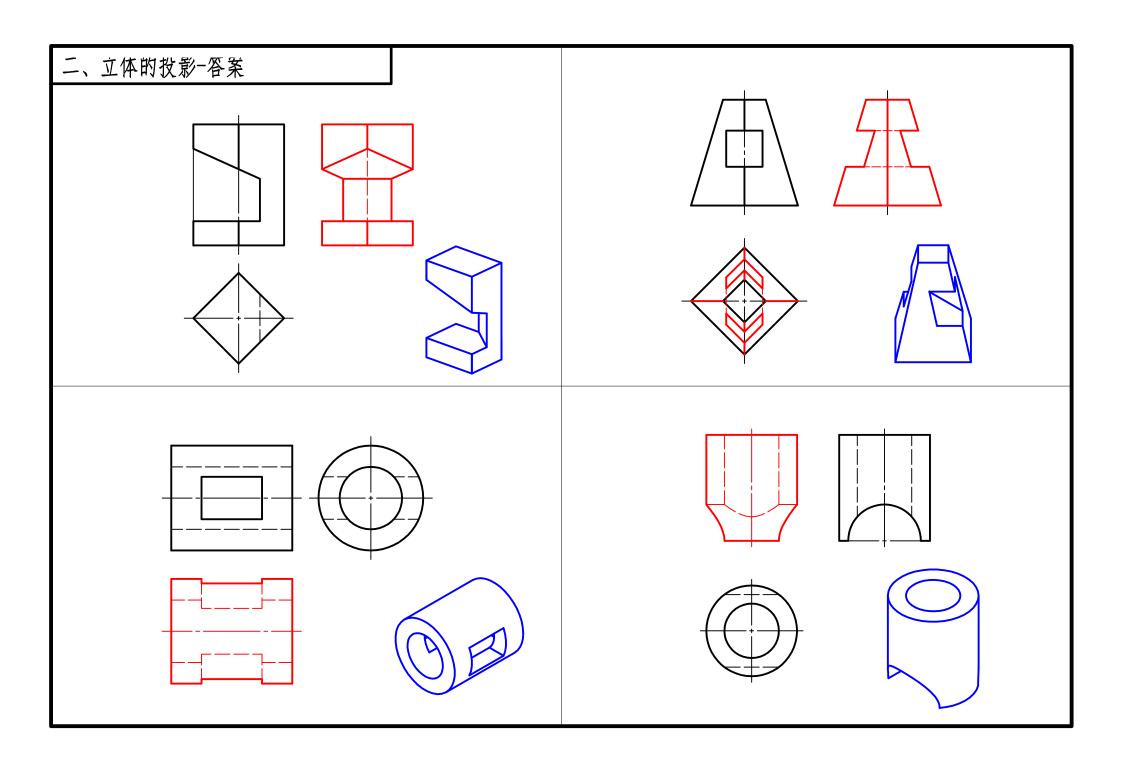












# 二、机件的图样画法-答案

