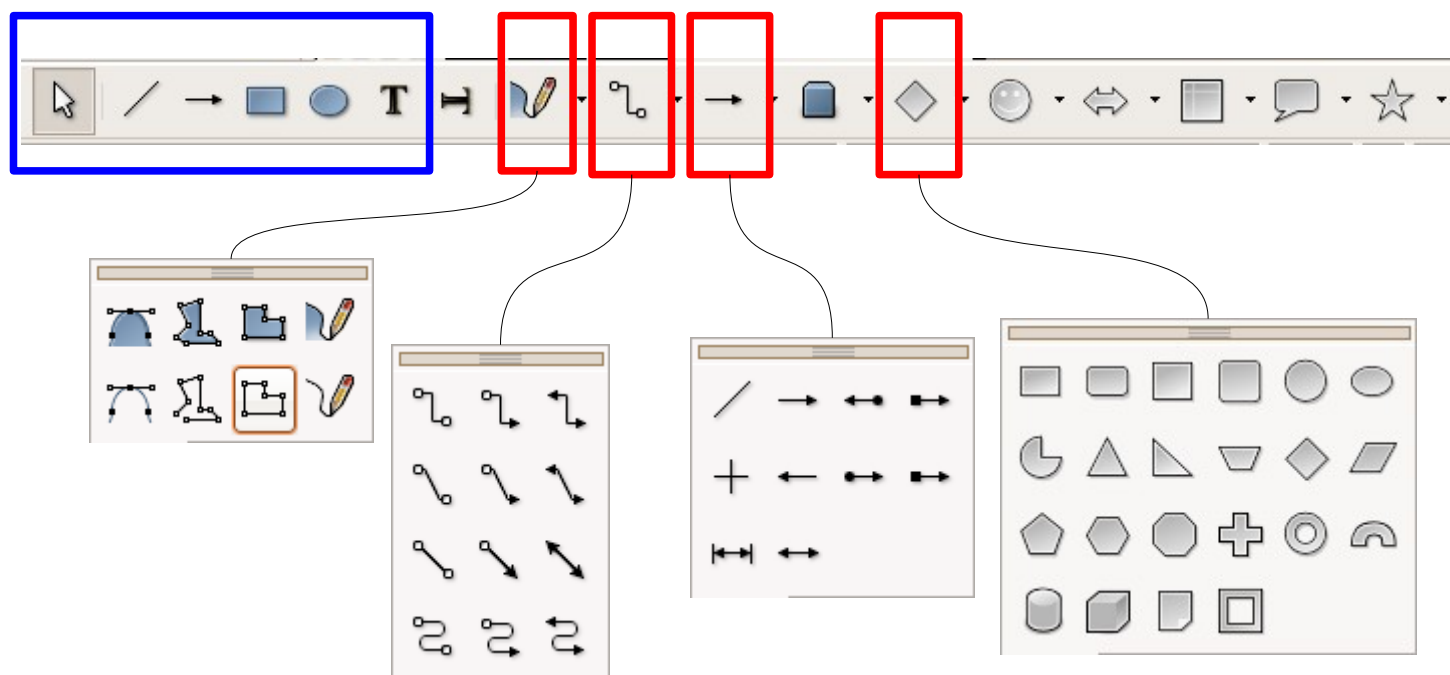


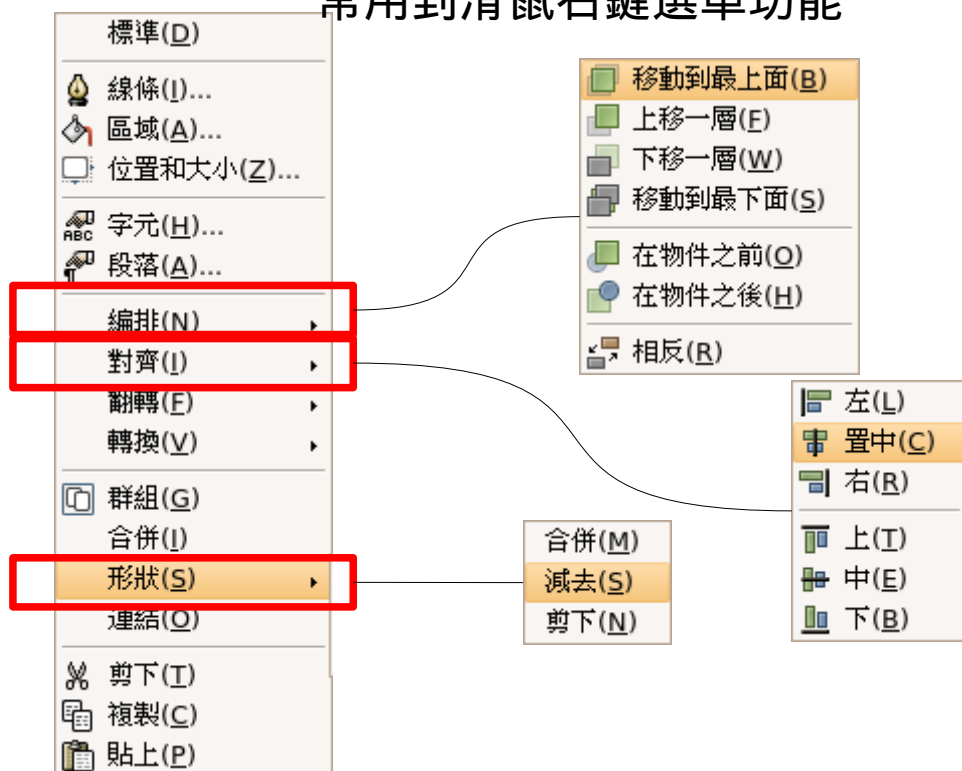
附錄 A：OOo Draw 與化學圖形

化學實驗器材圖

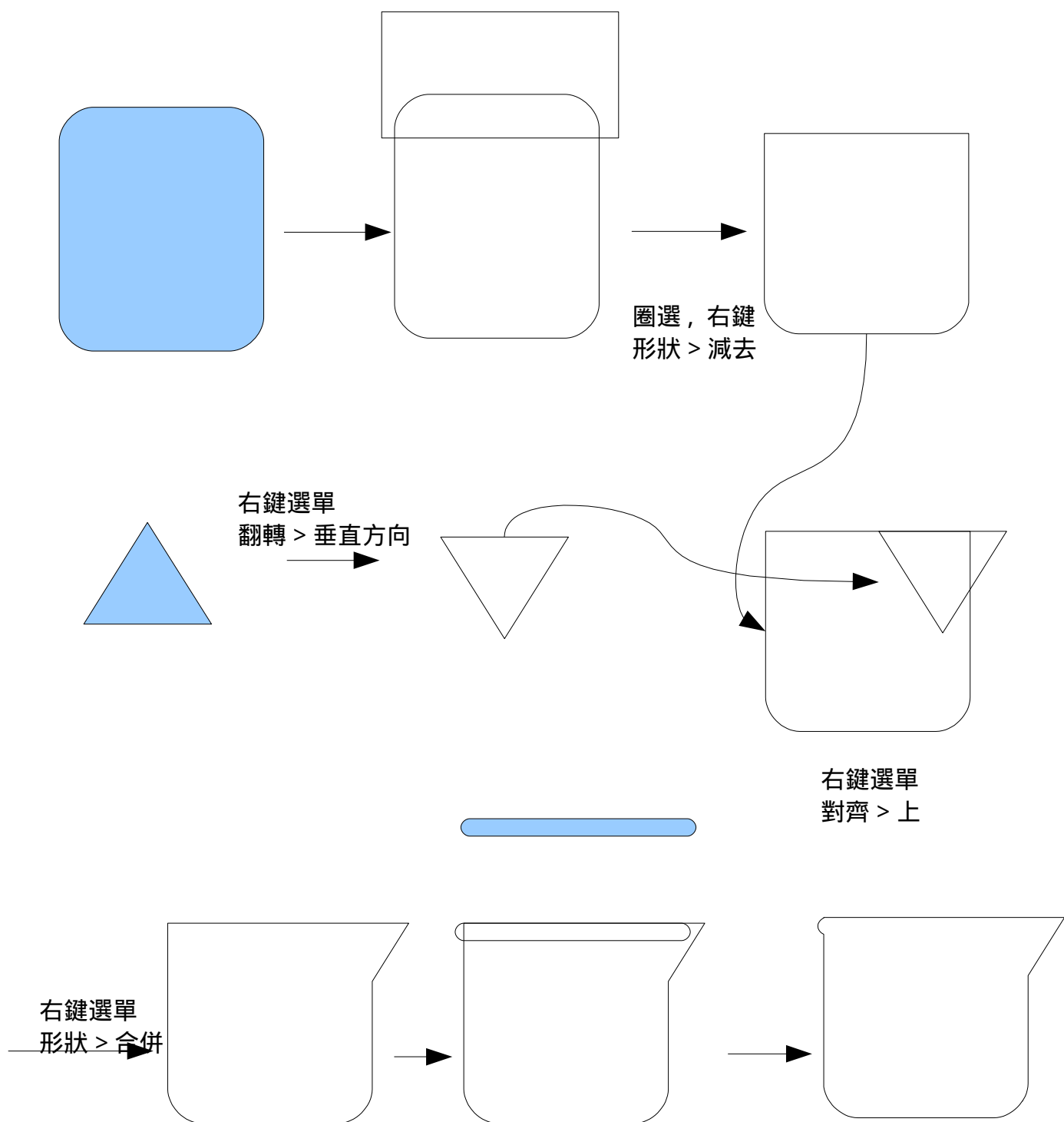
本單元常用到的功能

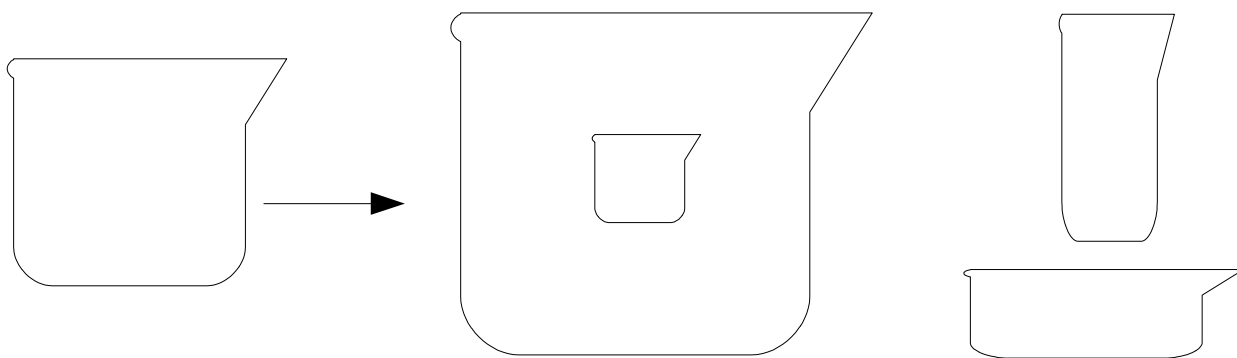


常用到滑鼠右鍵選單功能



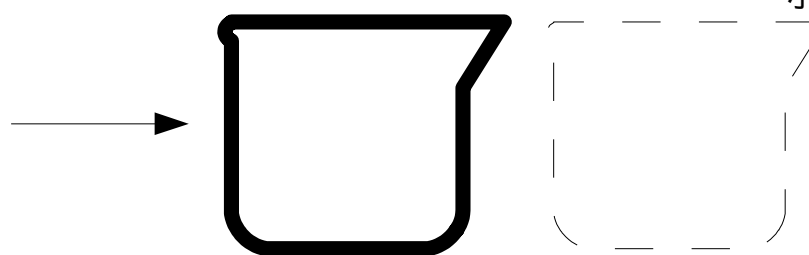
燒杯





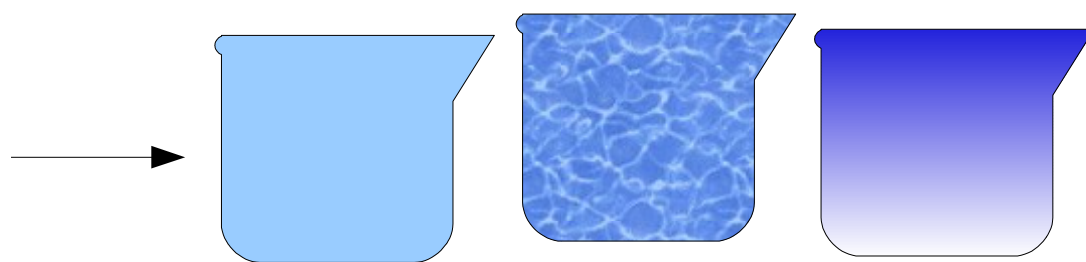
按住 Shift，可等比例放大或縮小

單向放大或縮小



線條粗細

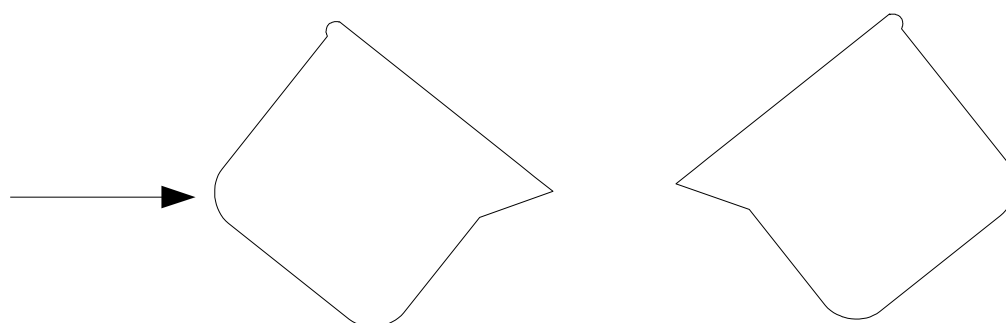
線條種類



改變顏色

點陣圖

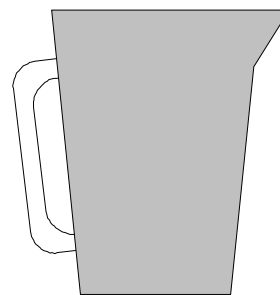
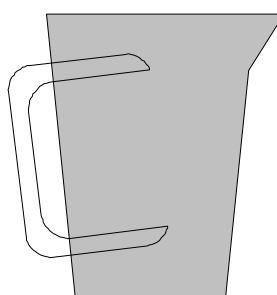
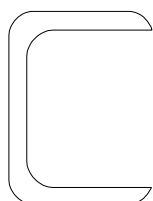
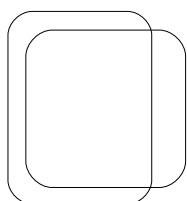
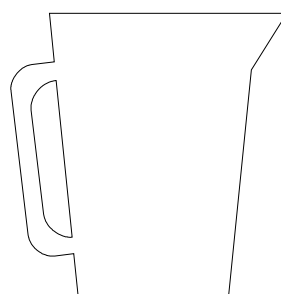
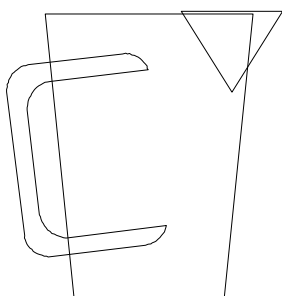
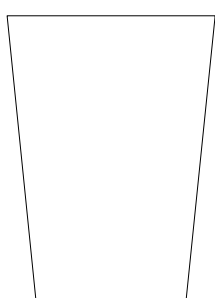
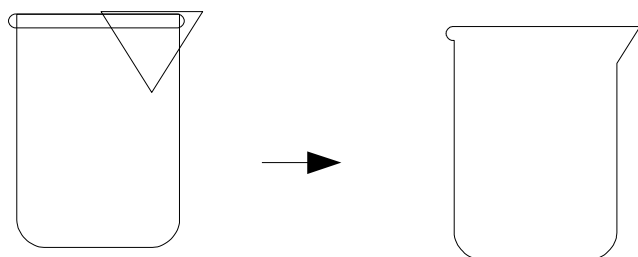
漸層效果



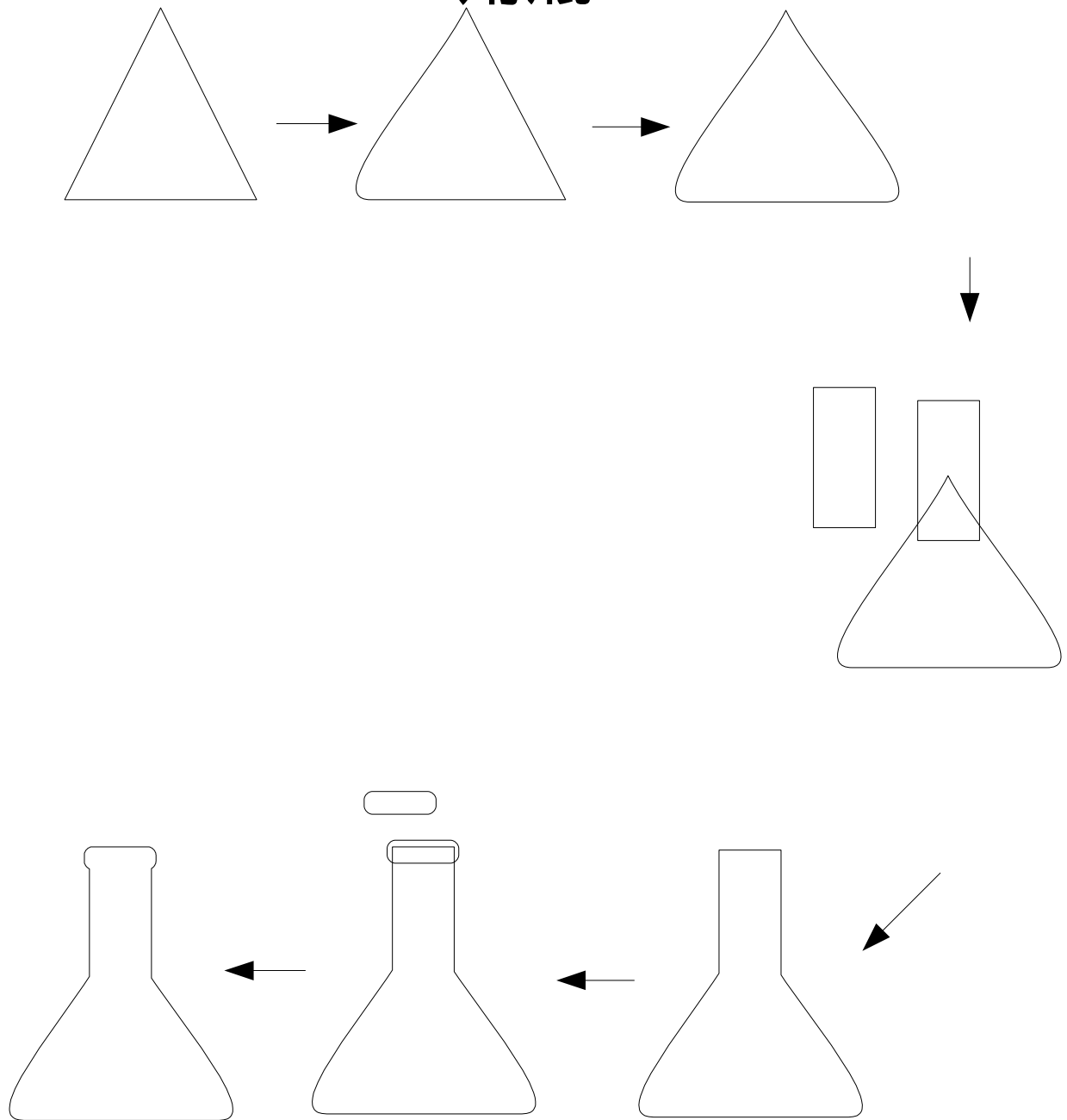
旋轉

翻轉 > 水平

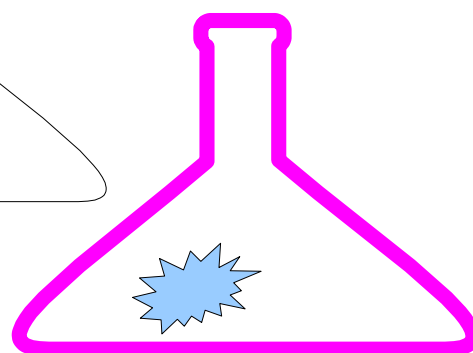
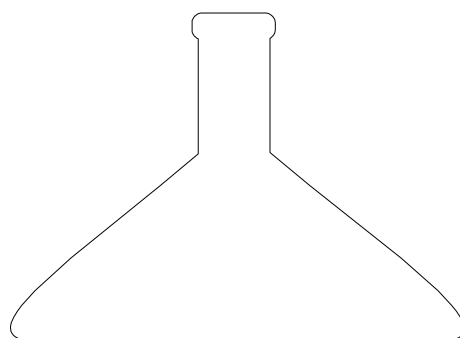
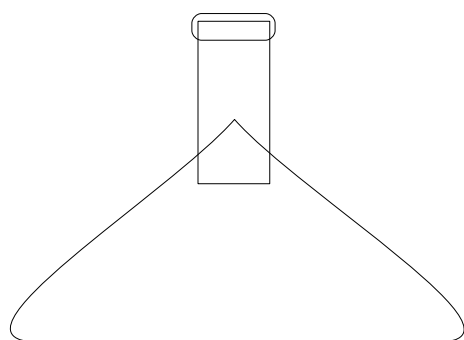
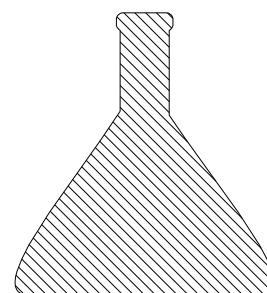
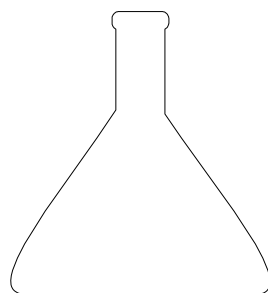
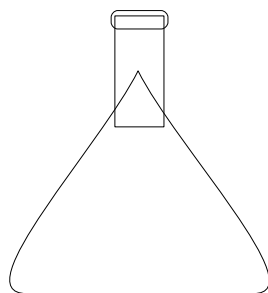
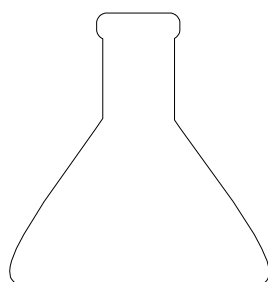
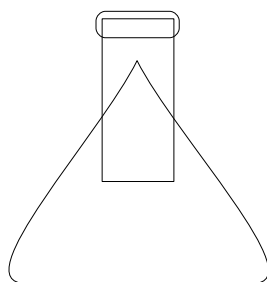
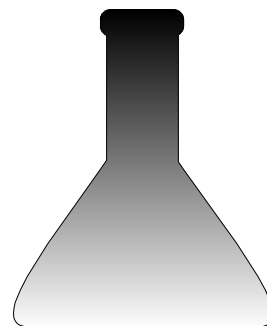
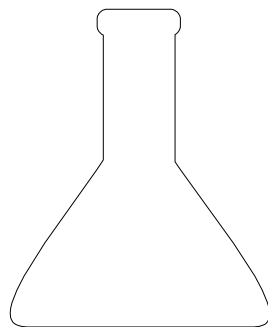
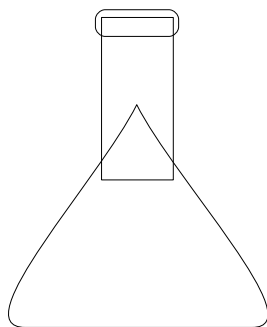
其他的燒杯

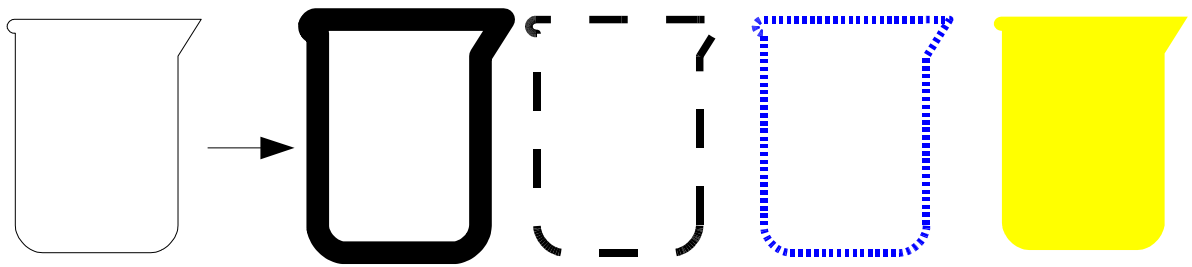
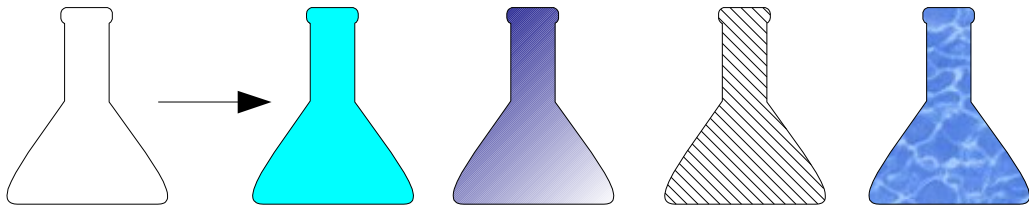
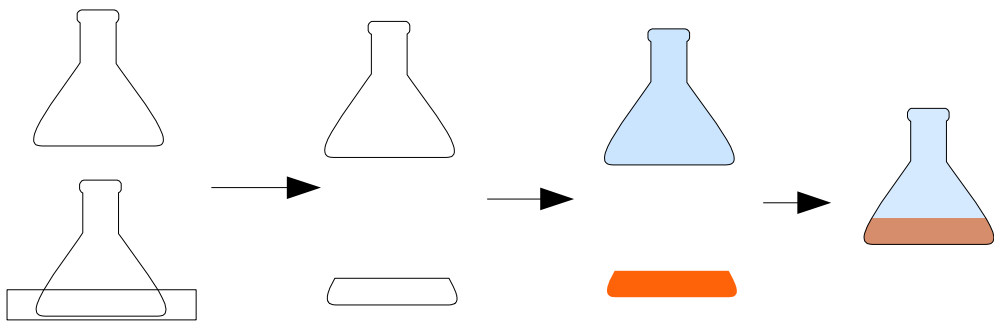


三角瓶

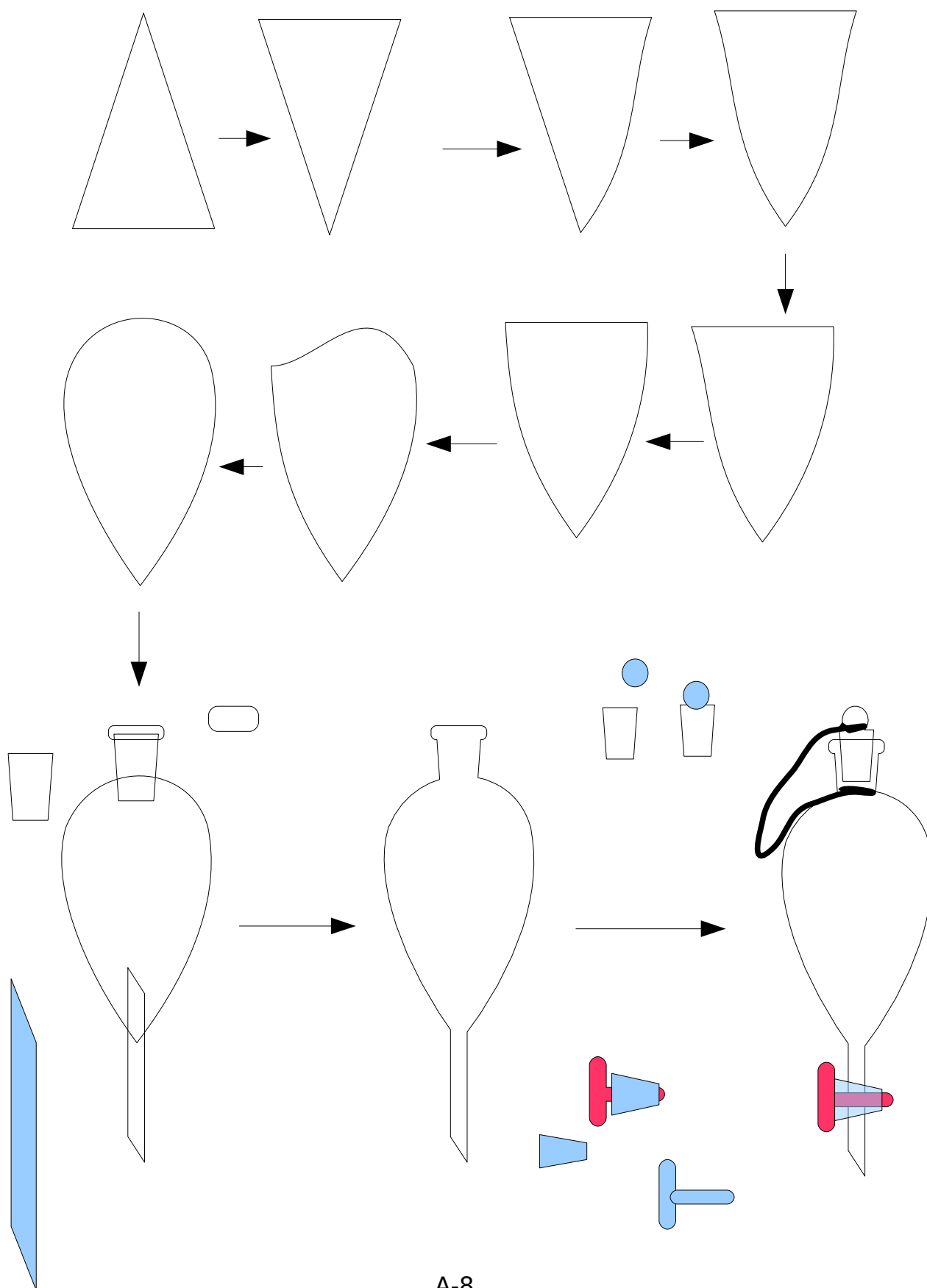


其他三角瓶

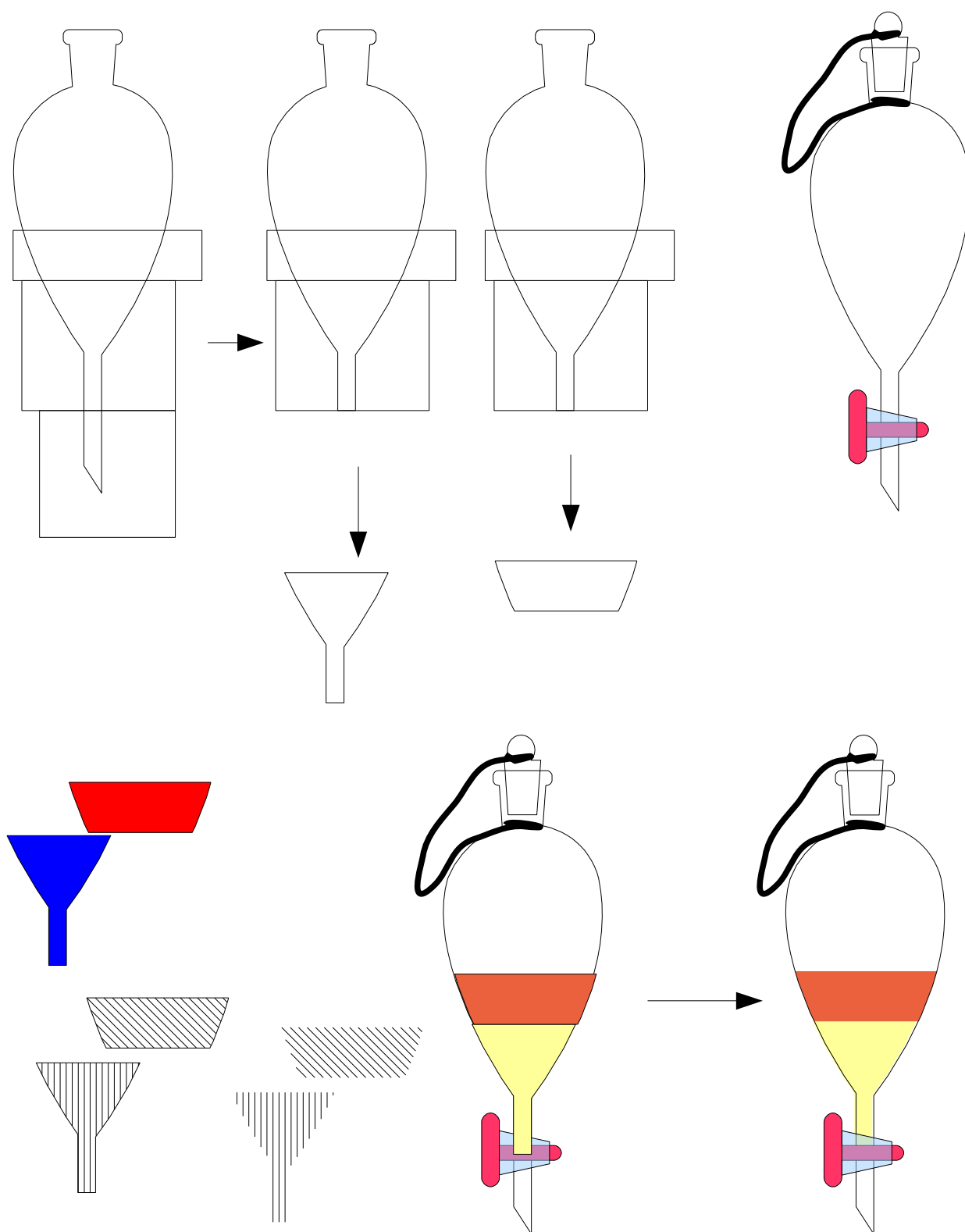




分液漏斗

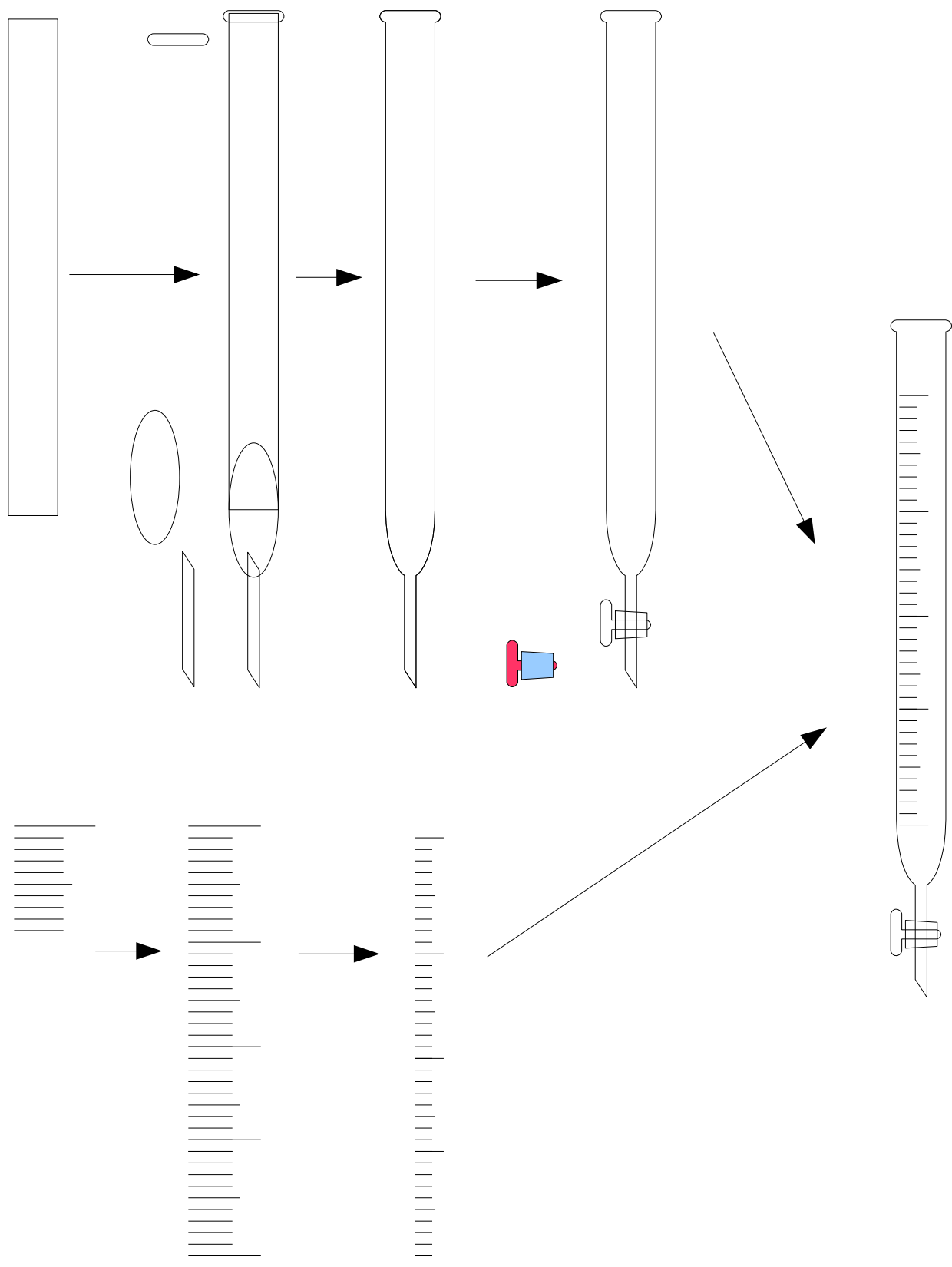


分液漏斗變化形

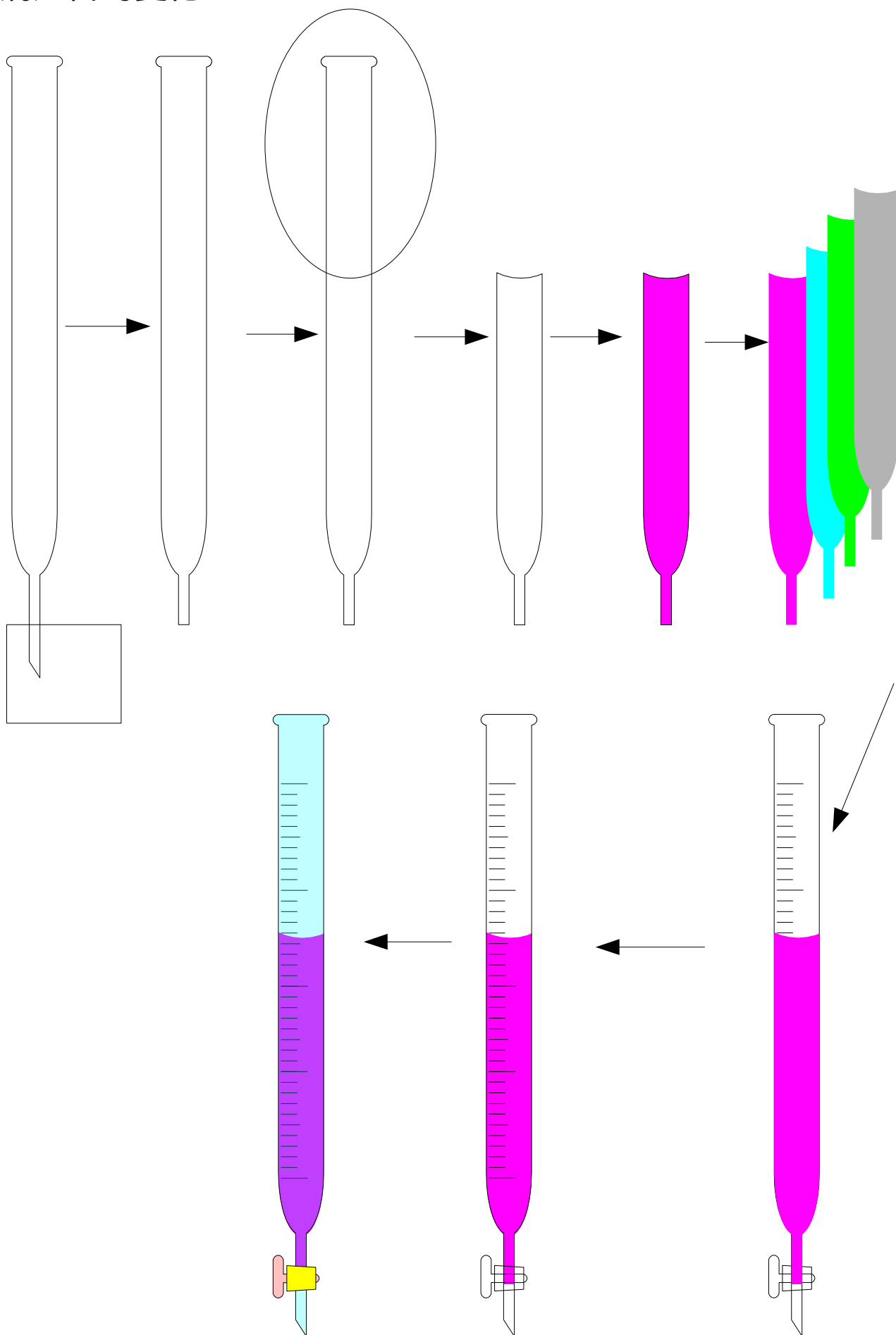


小技巧：這部份在疊合時常有小地方對不準，建議可以把色塊的邊框去除，再改變排列順序，讓色塊排到後面。

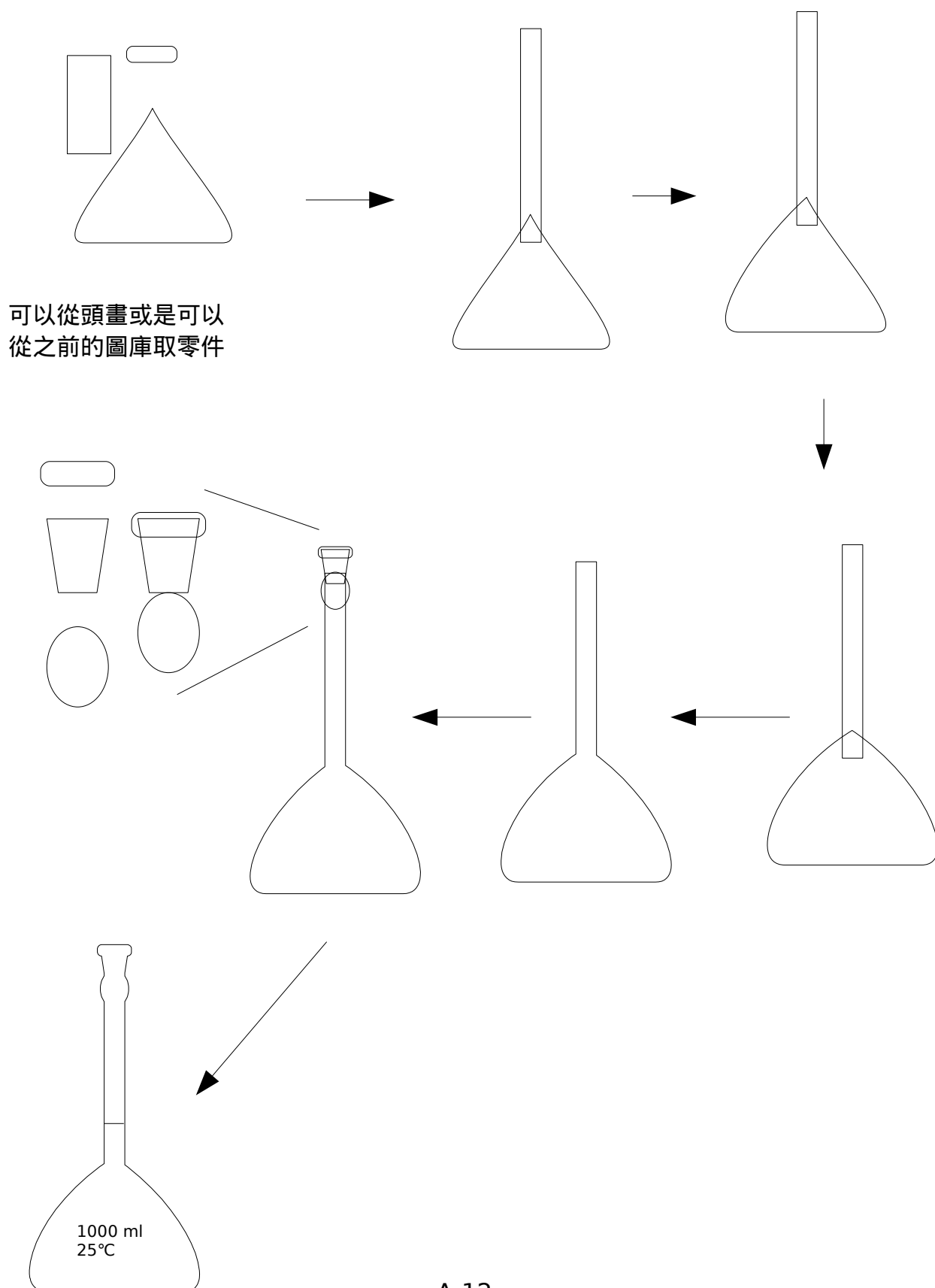
滴定管

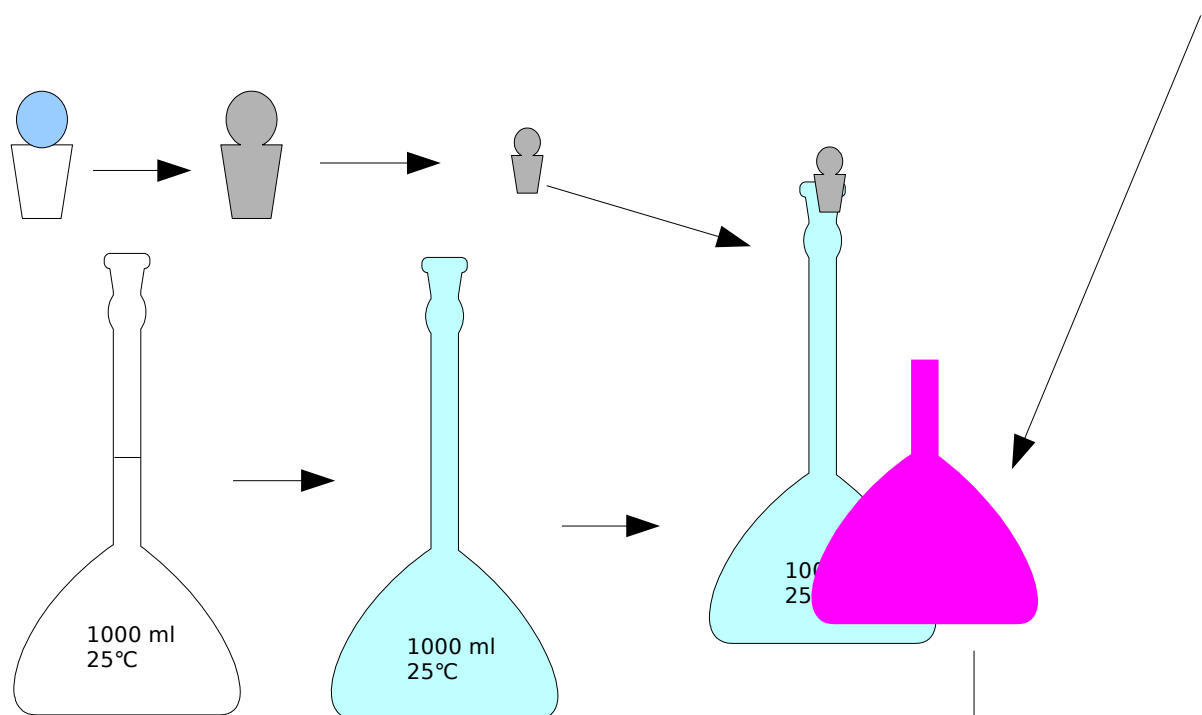
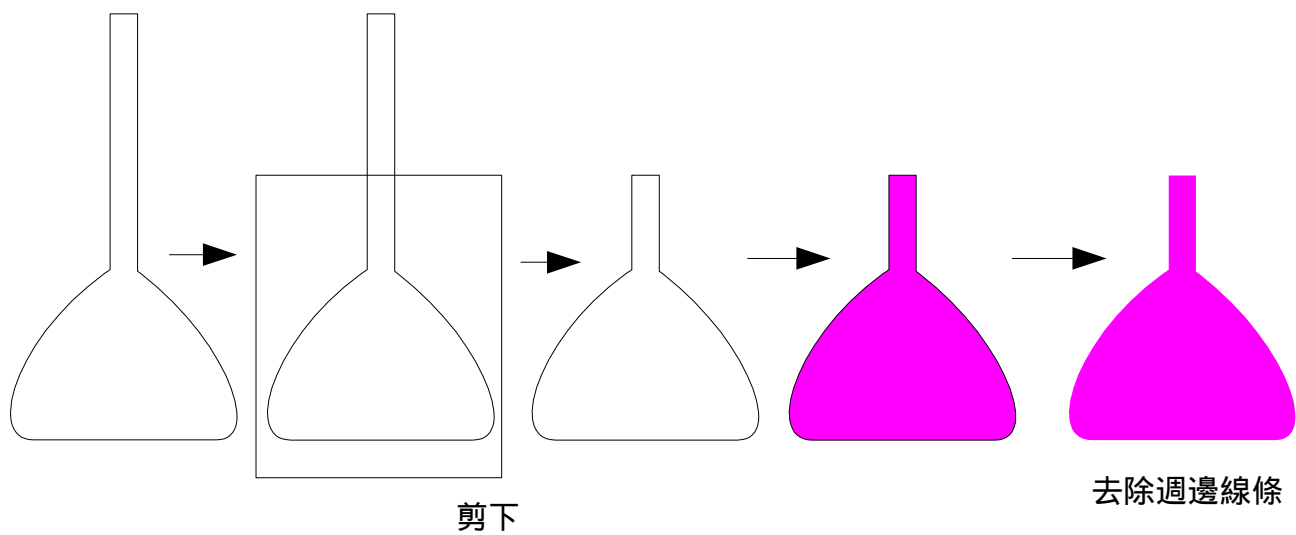


滴定管的變化型

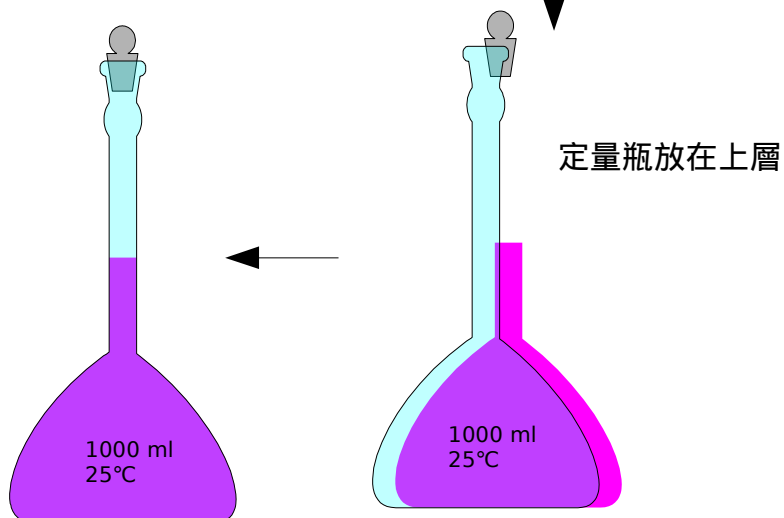


定量瓶

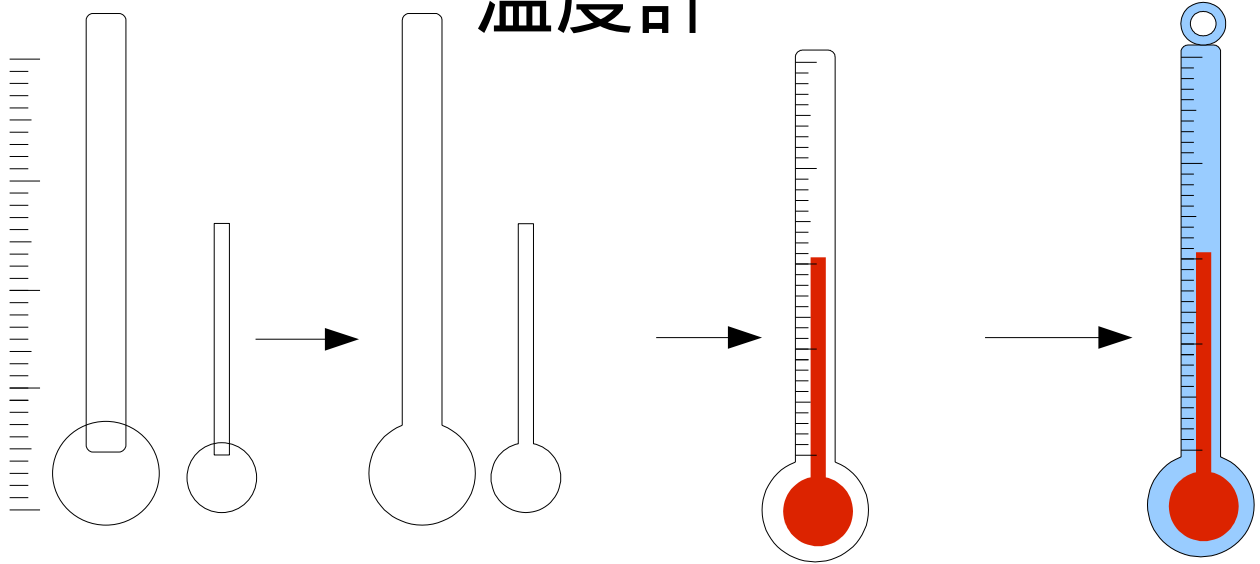




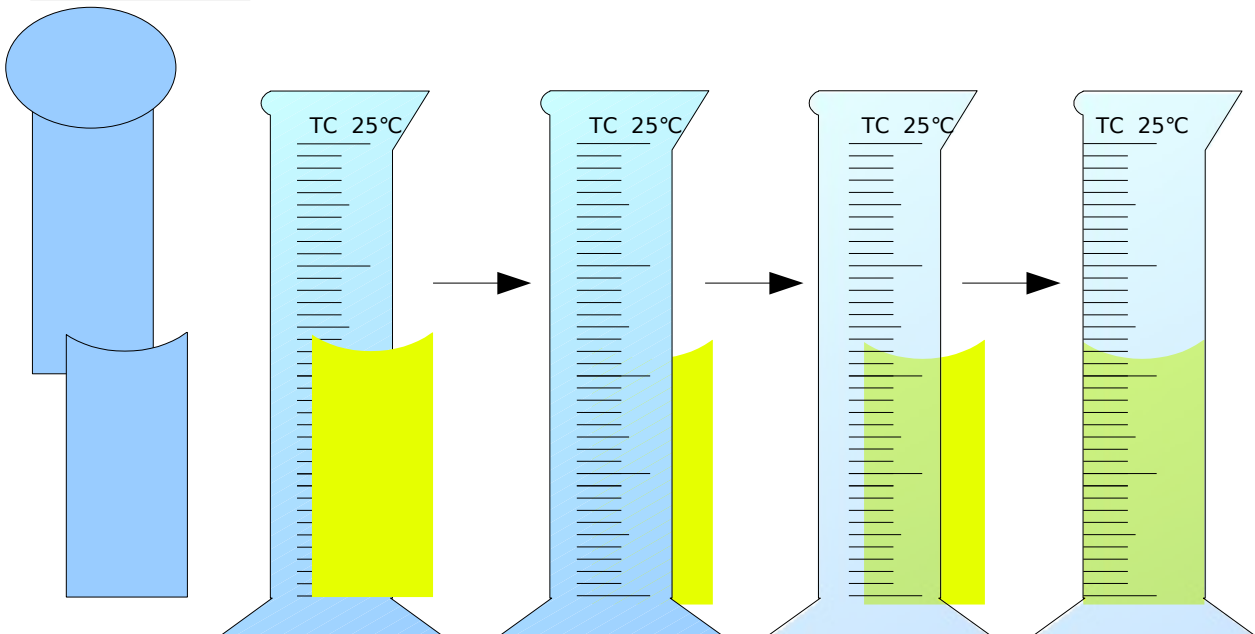
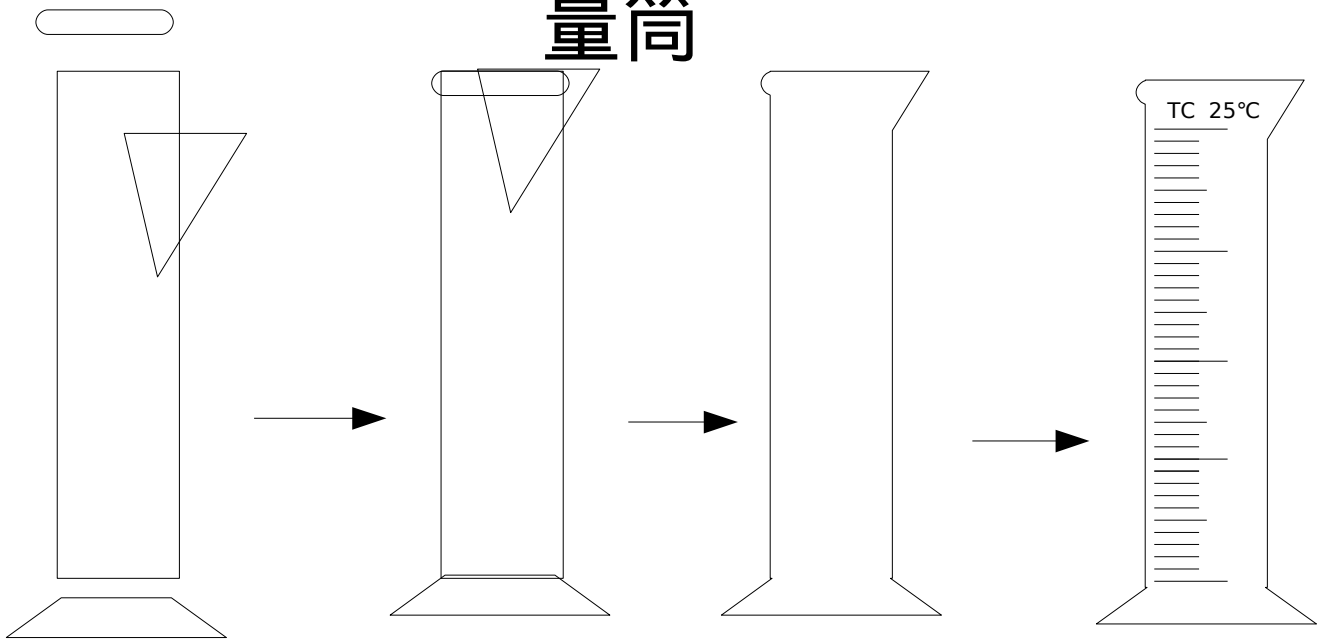
淺藍色，75% 透明度

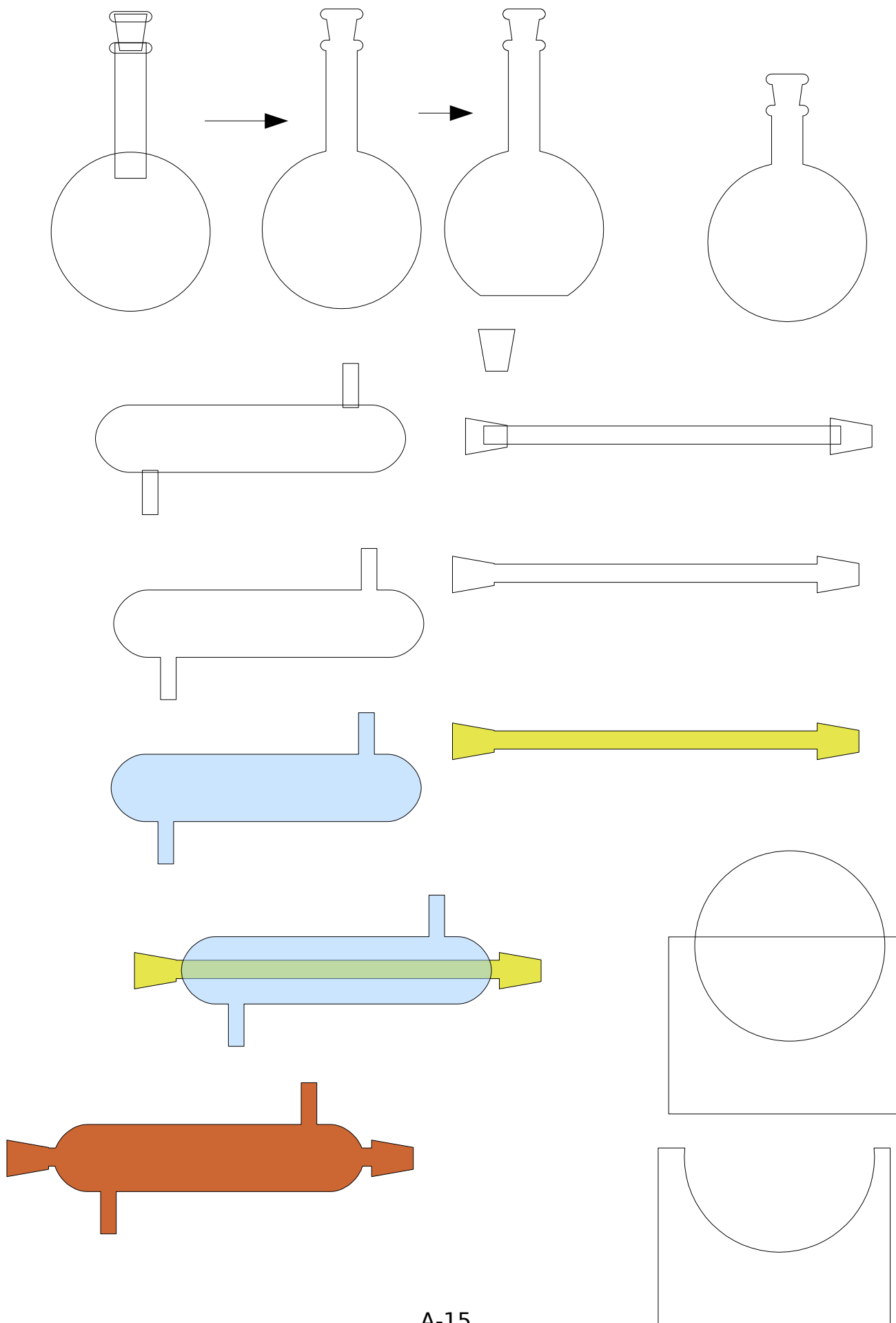


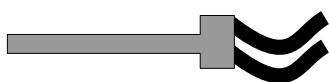
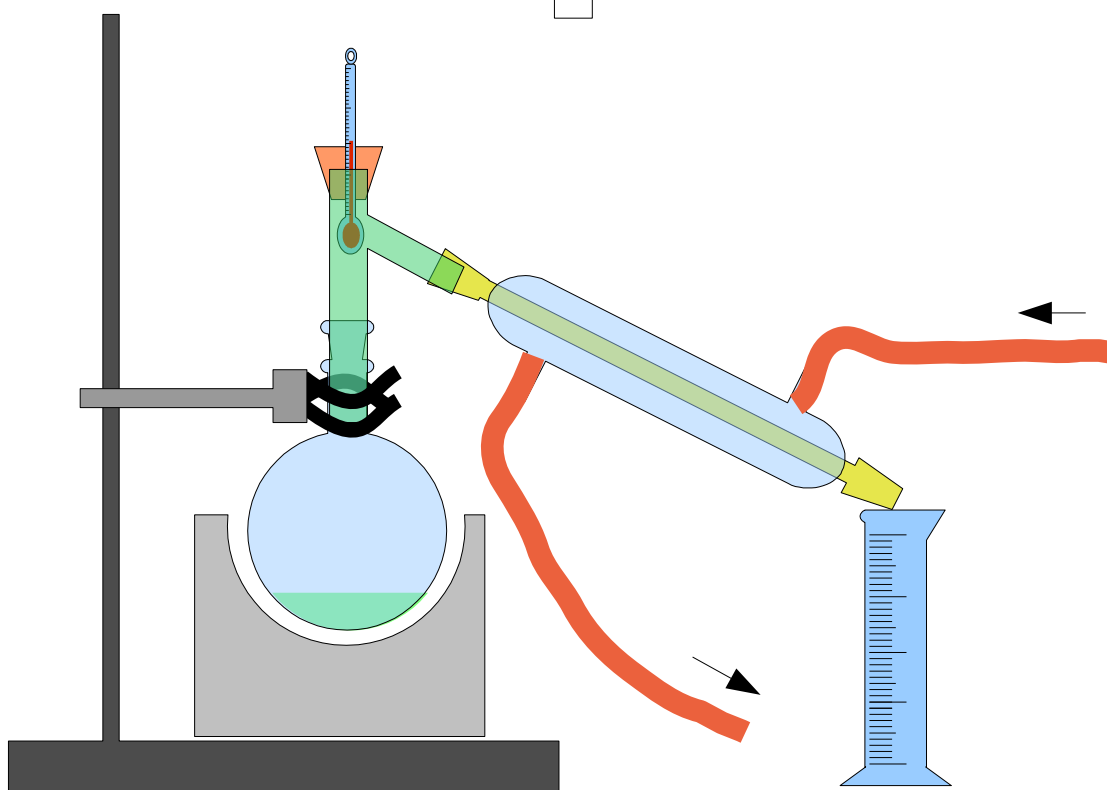
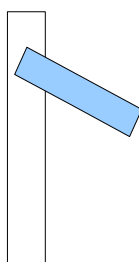
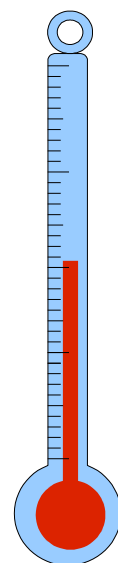
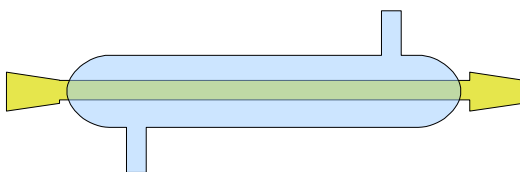
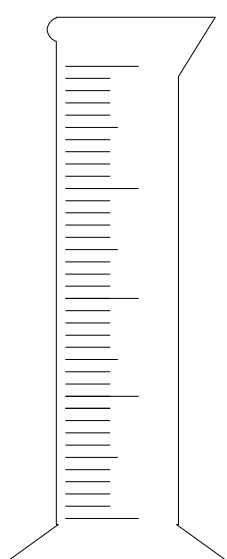
溫度計



量筒

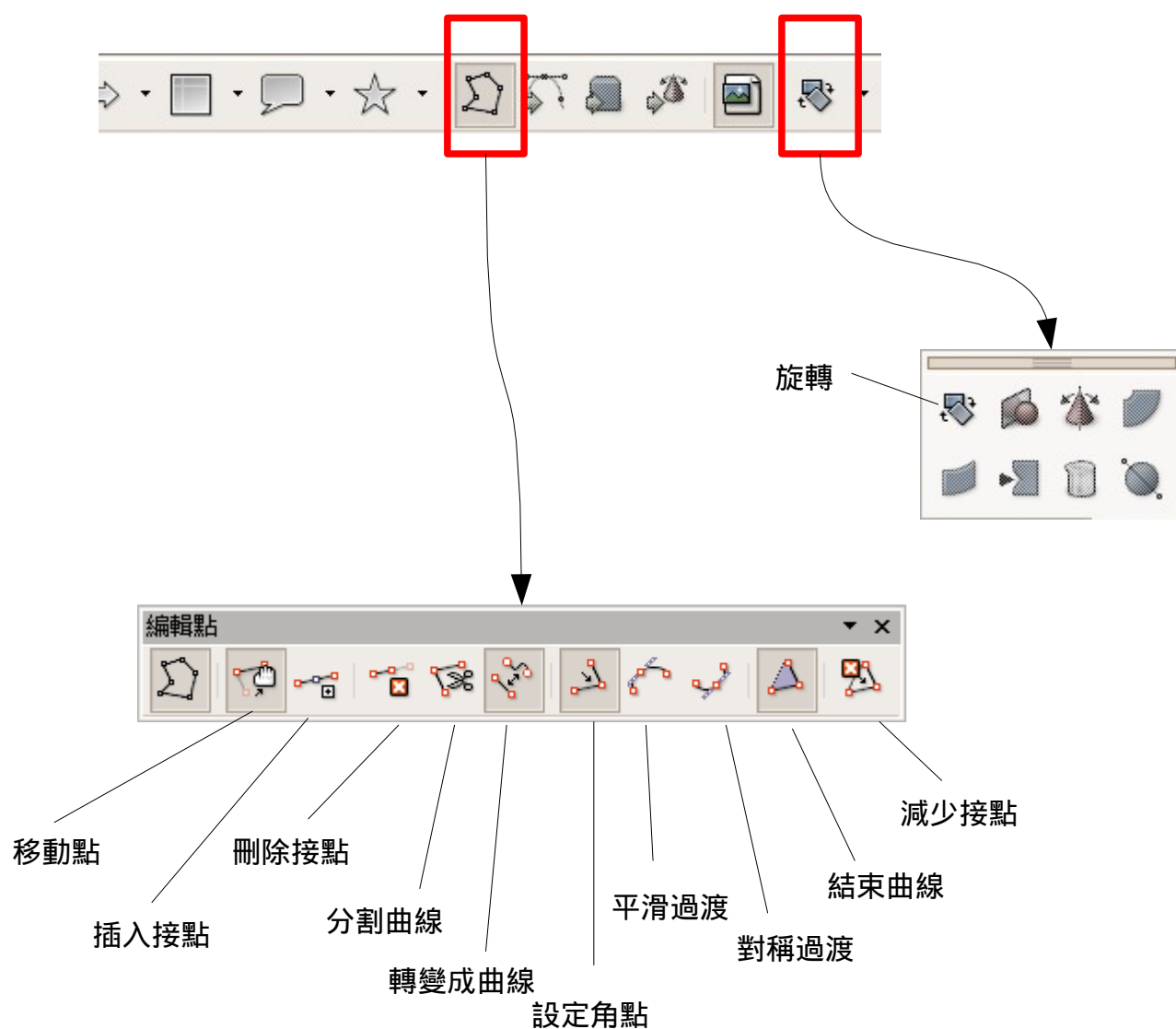




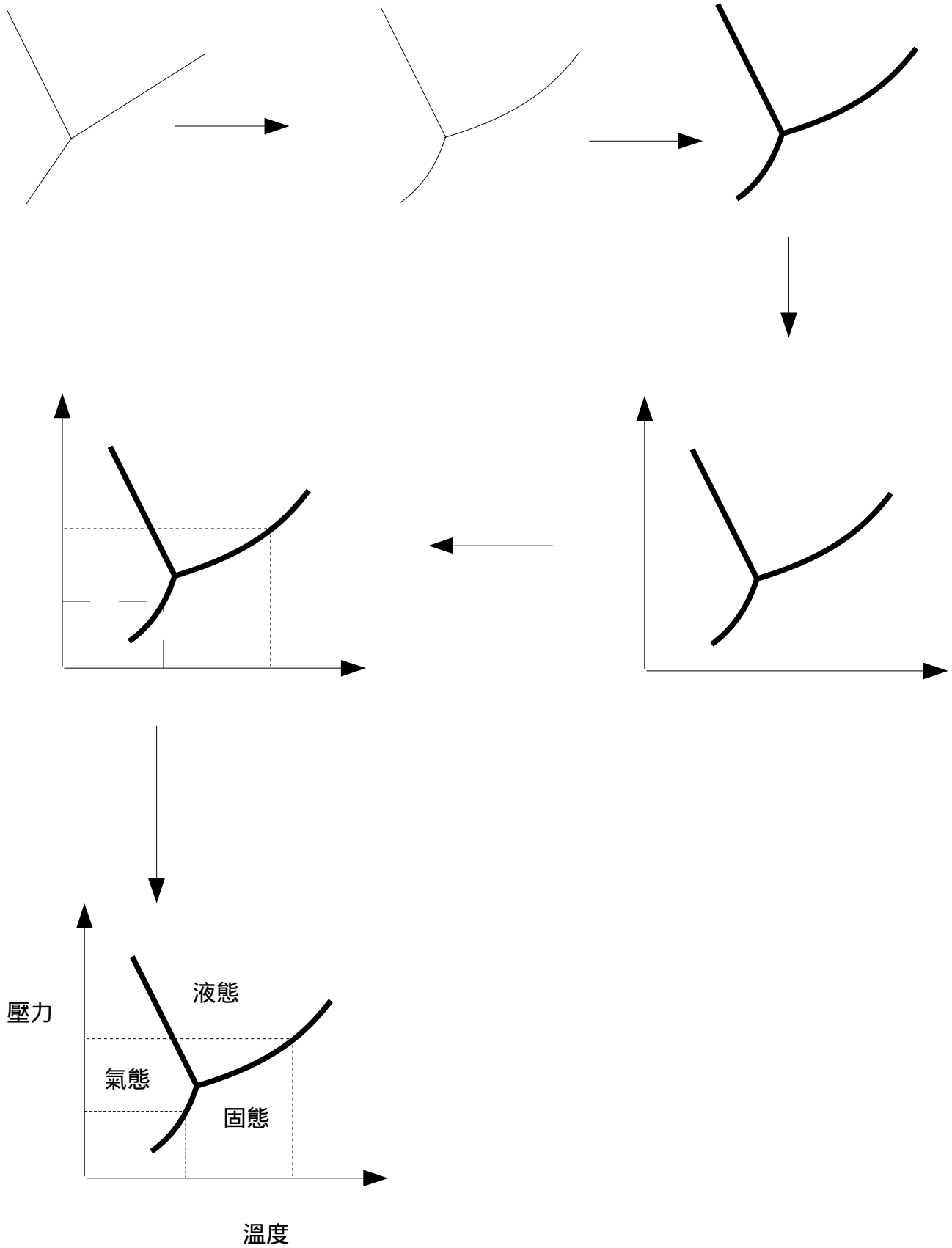


化學數據圖

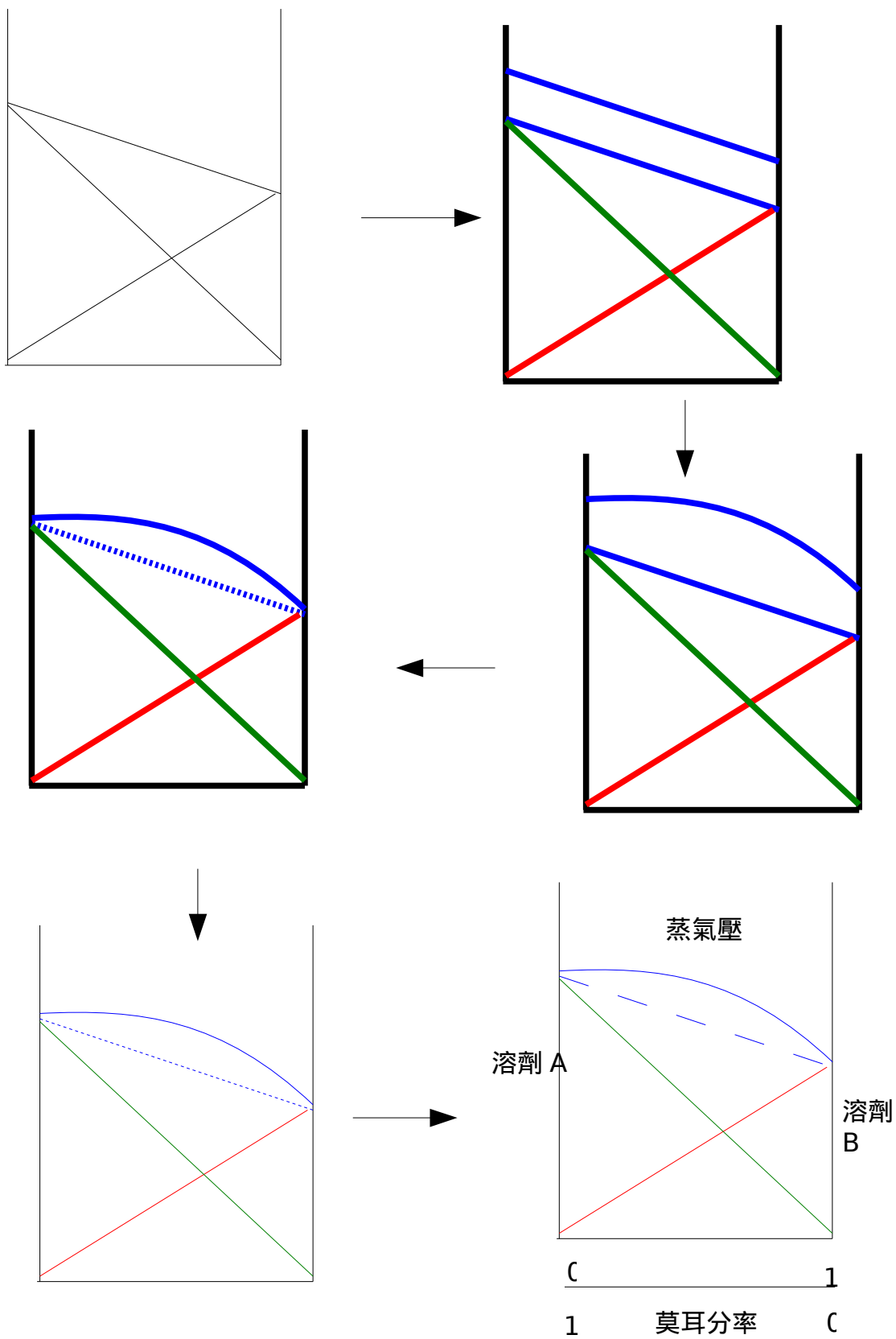
這單元將介紹常見化學資料圖的繪製，而繪圖的重點在如何改變平滑線條，使線條看起來就像我們要的圖樣子。



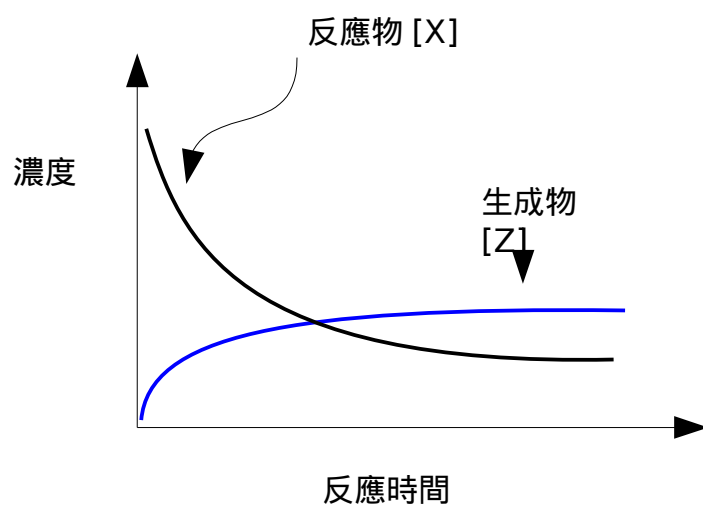
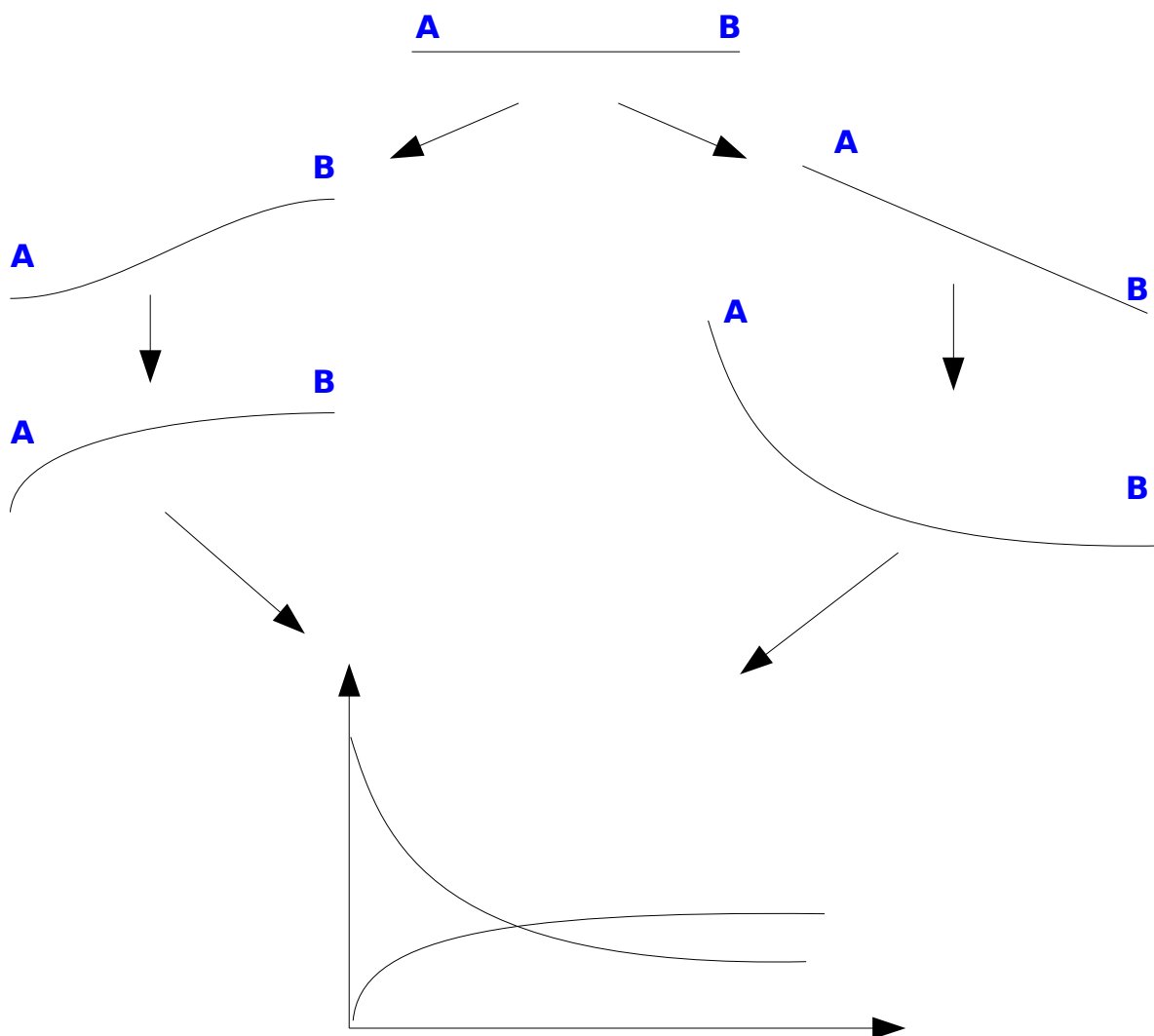
三相圖



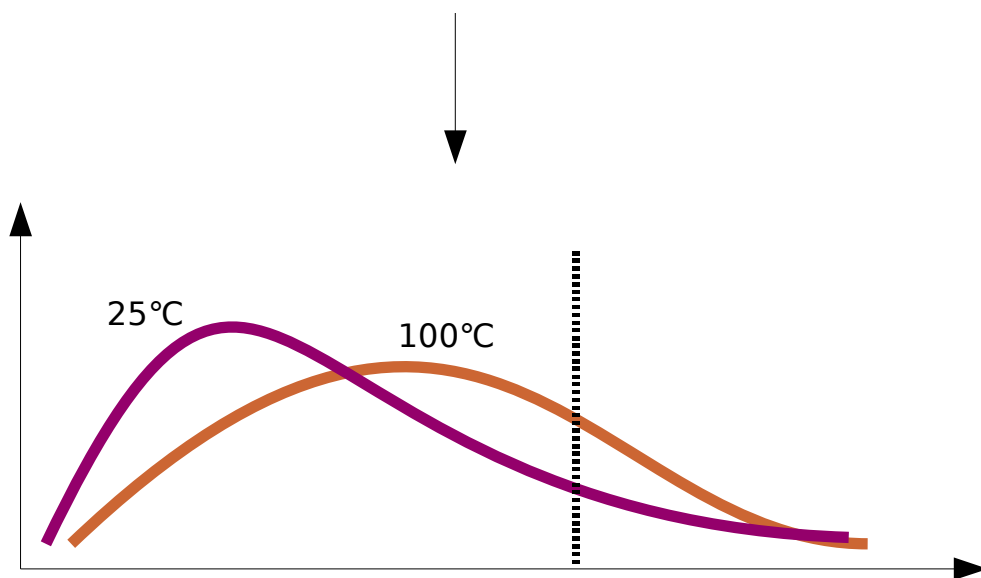
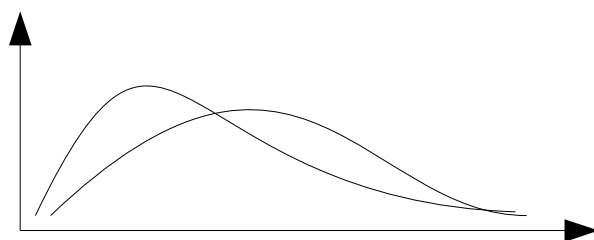
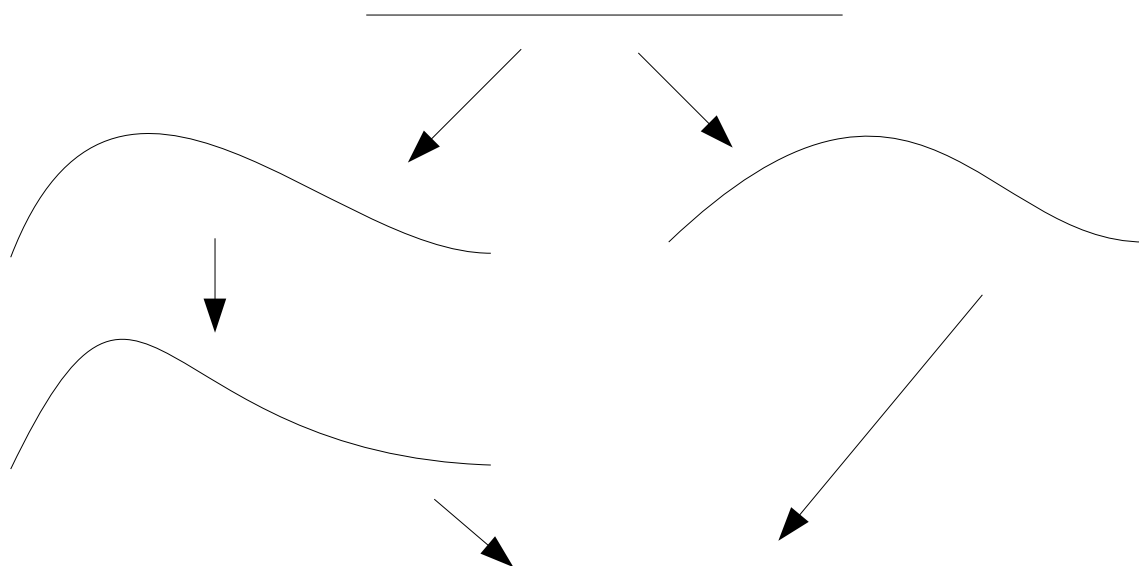
理想溶液

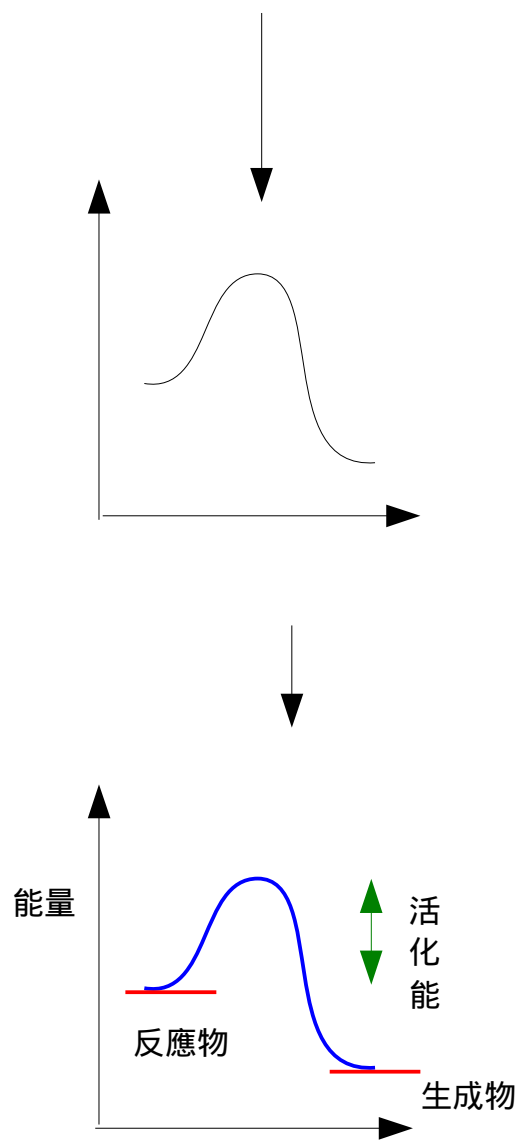
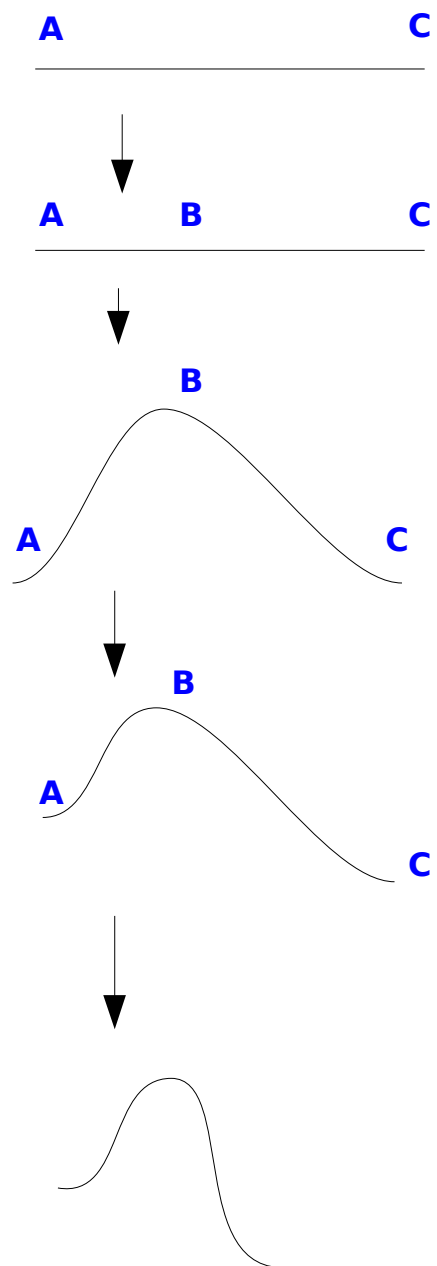


反應平衡

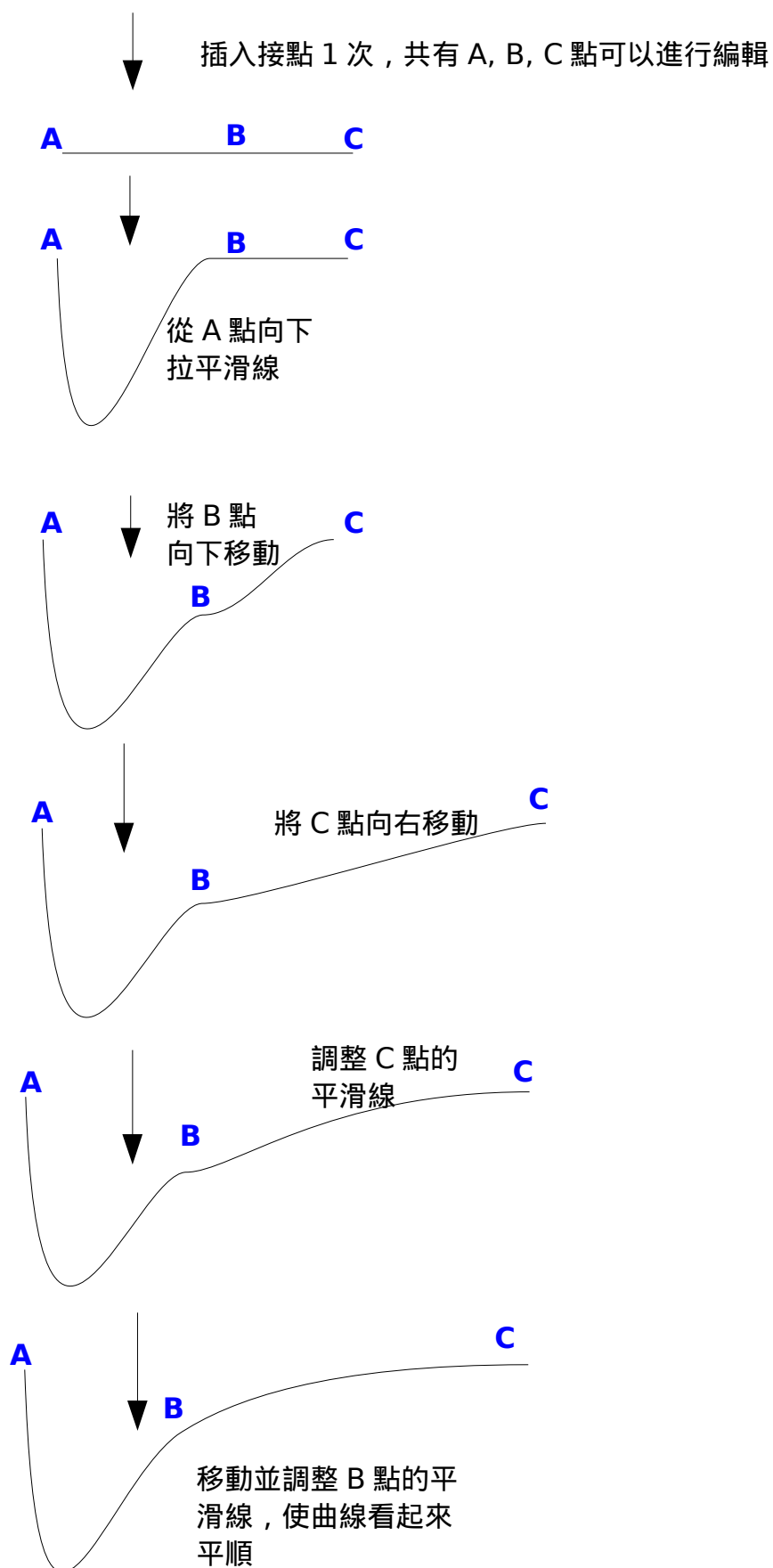


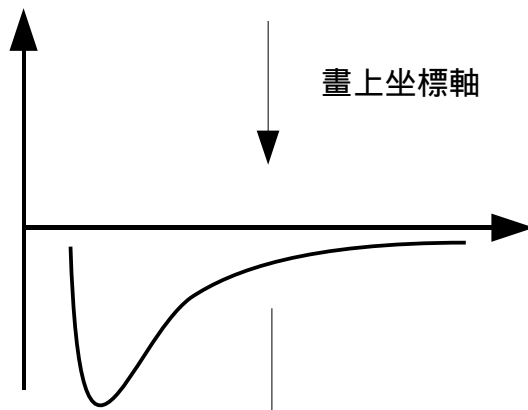
分子分佈



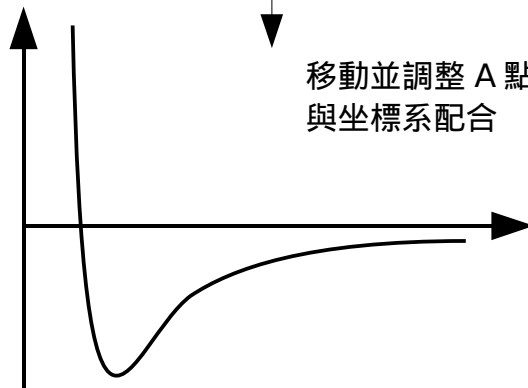


共價鍵能量圖





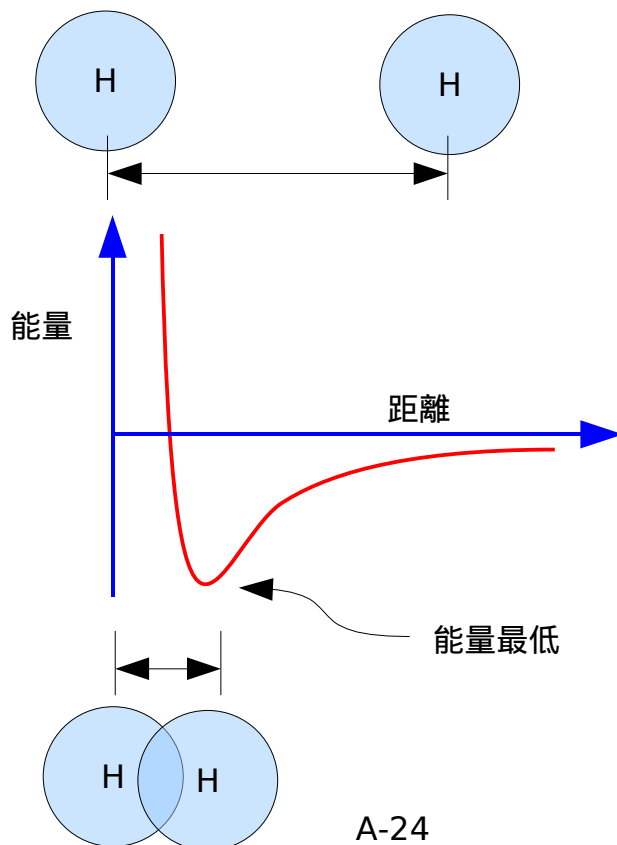
畫上坐標軸



移動並調整 A 點的平滑線，使曲線與坐標系配合

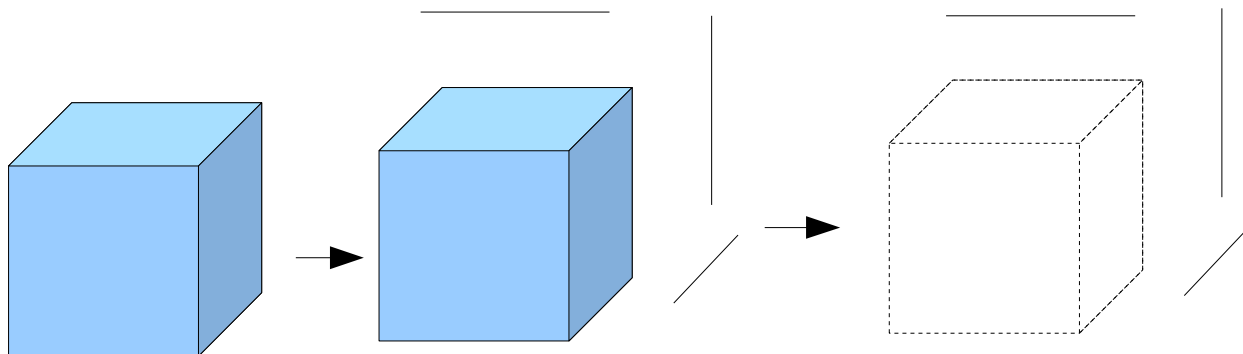


依需要進行修改增加新圖形



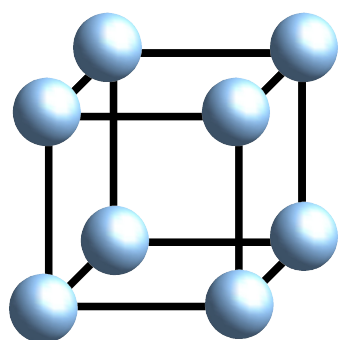
化學立體相關圖形

使用 Draw 的範本

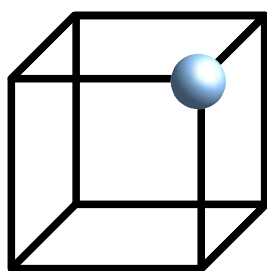


立方體是取自
Draw 的範本

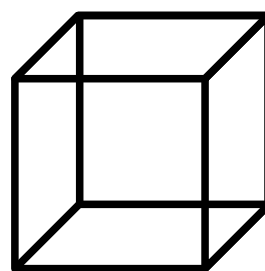
畫 3 條平行線



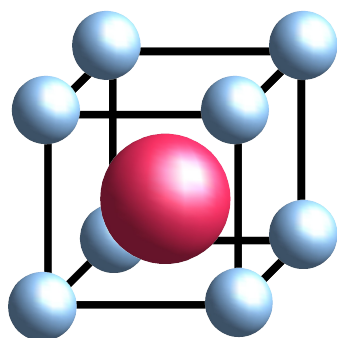
複製貼上，共 8 個球

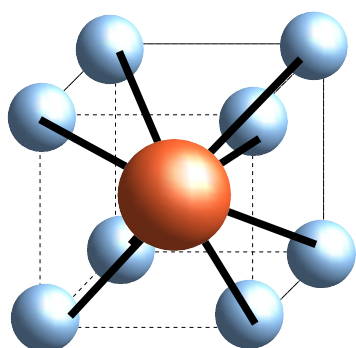
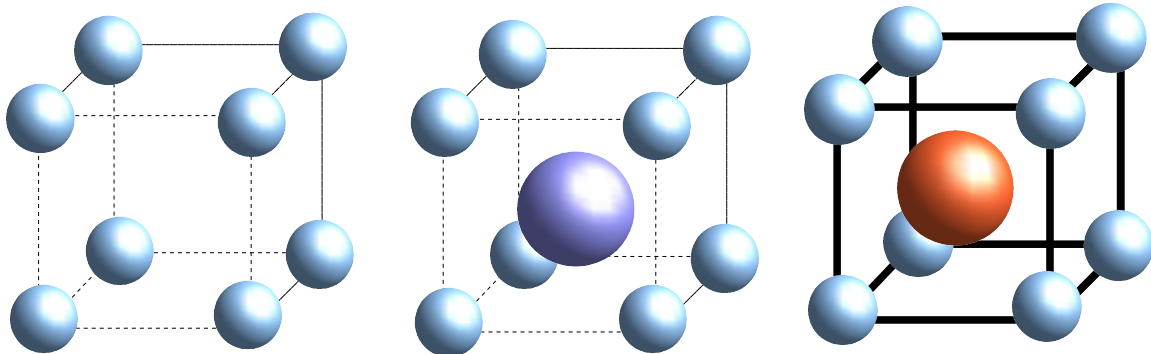


立體球是 Draw
的範本

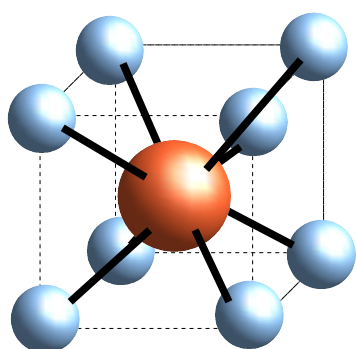
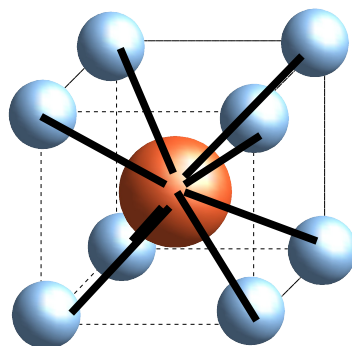


排入平行線，使
成立體

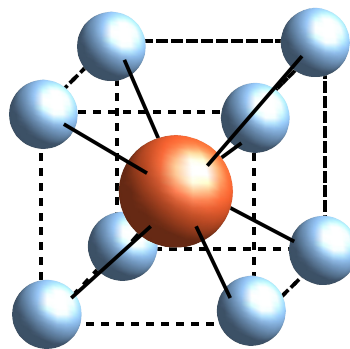


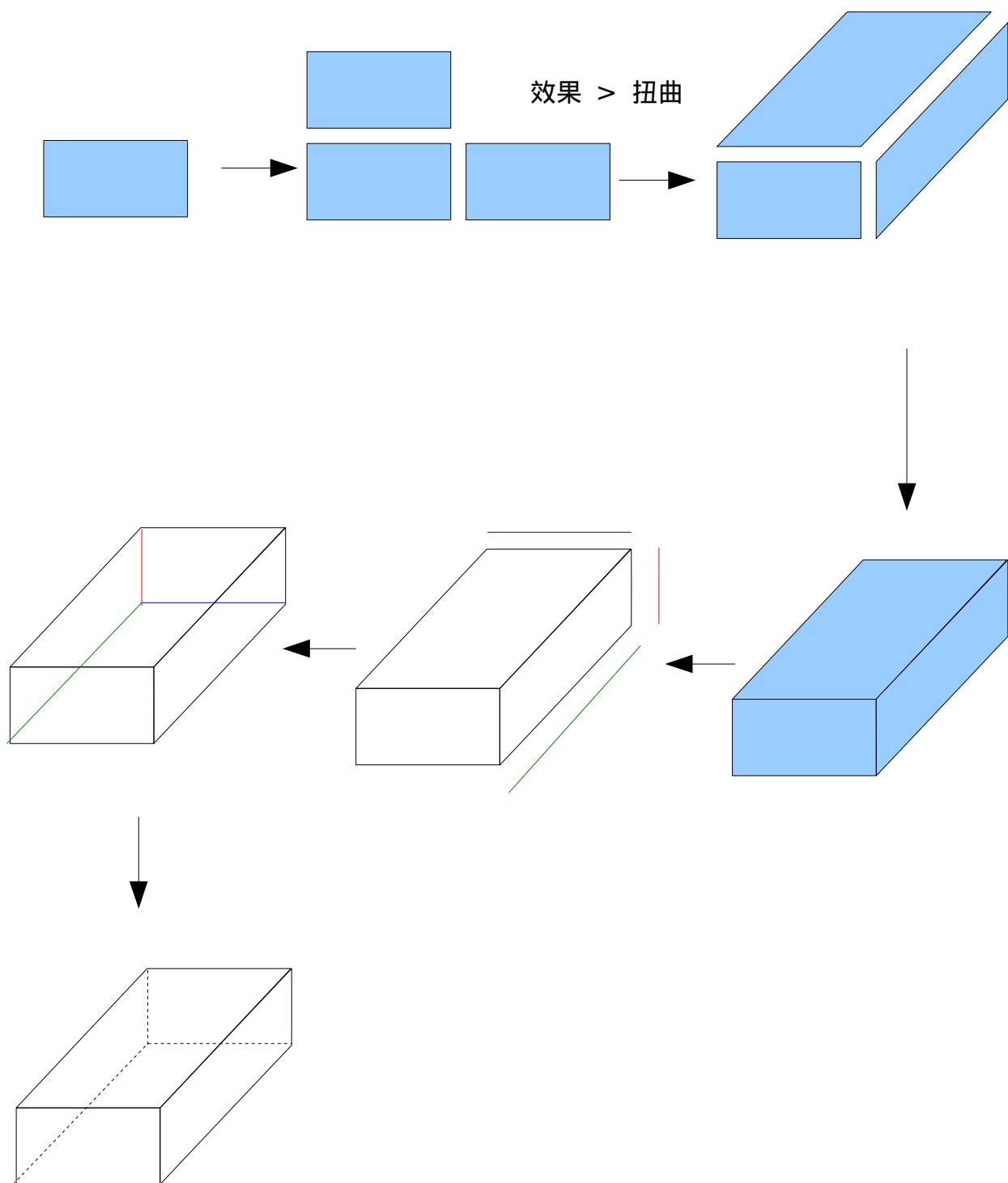


把紅球放到最上層

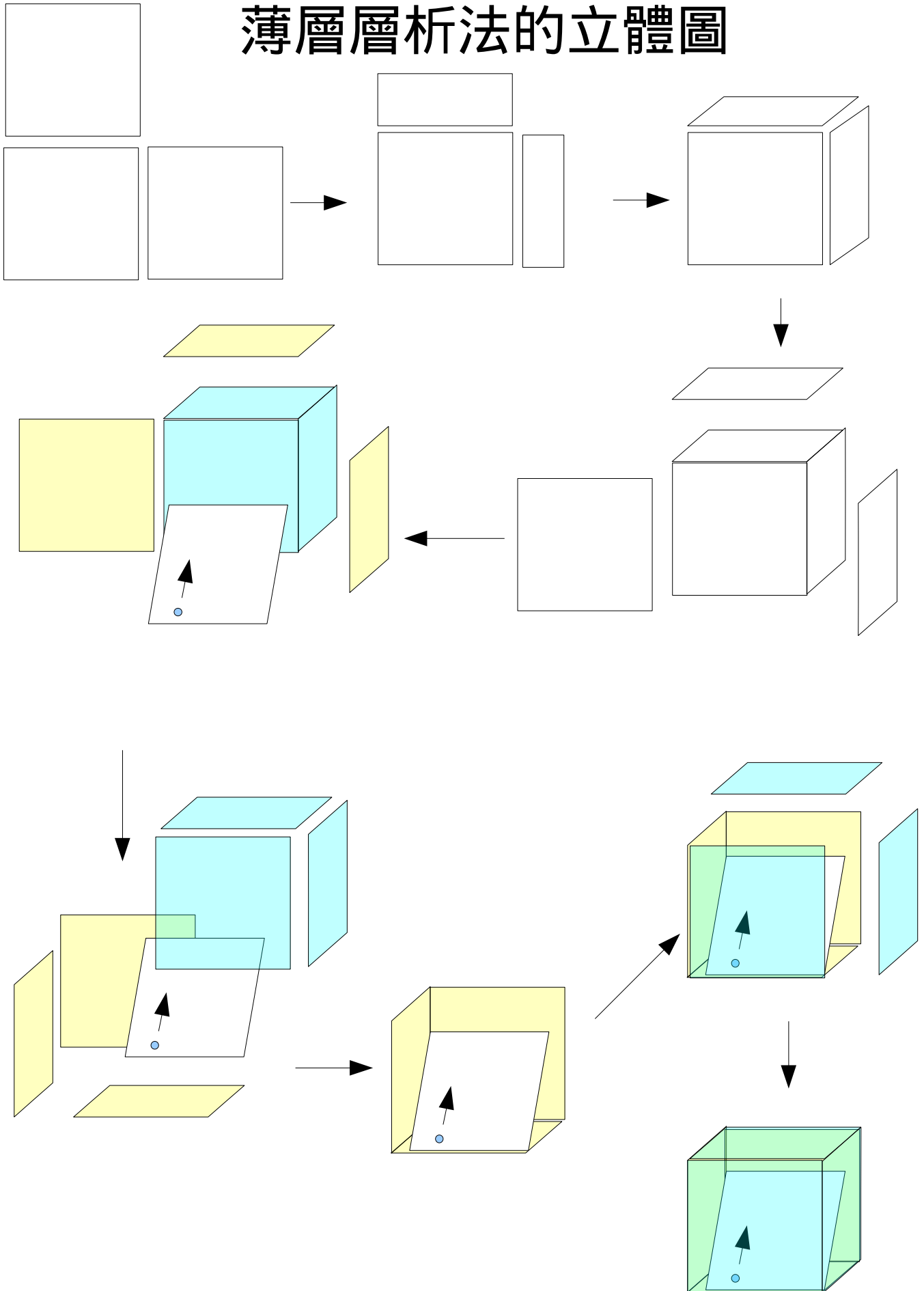


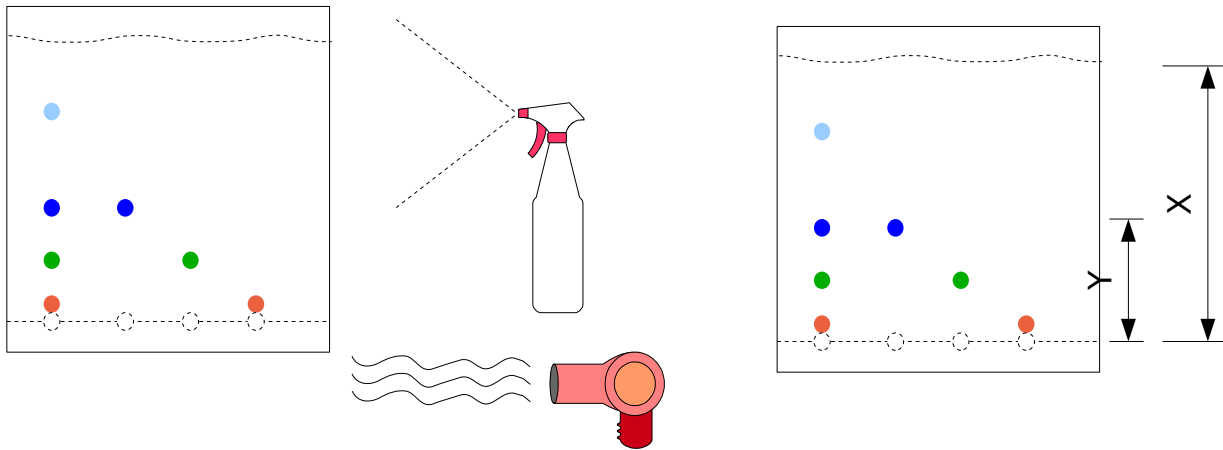
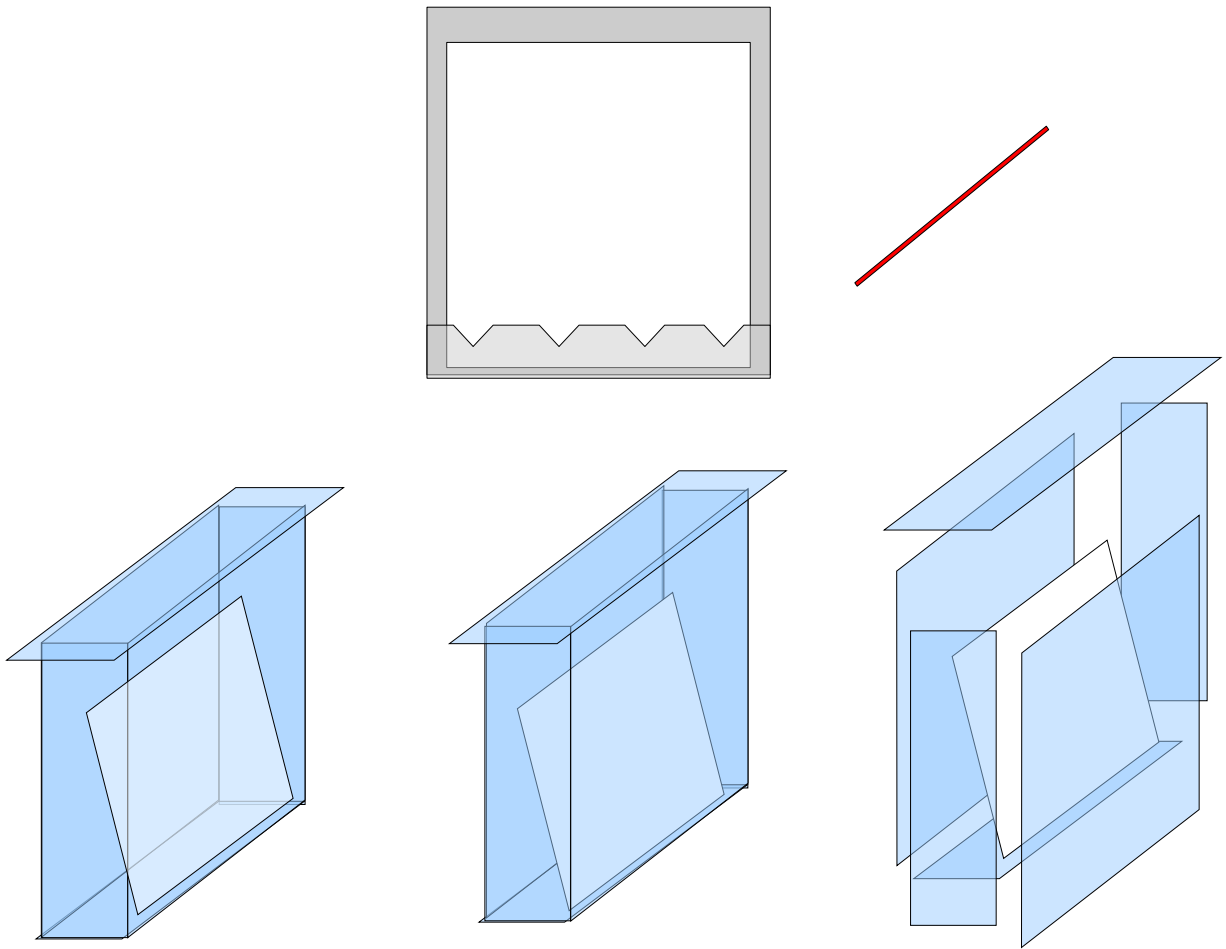
依立體性把鍵排在上層及調整長度與角度





薄層層析法的立體圖



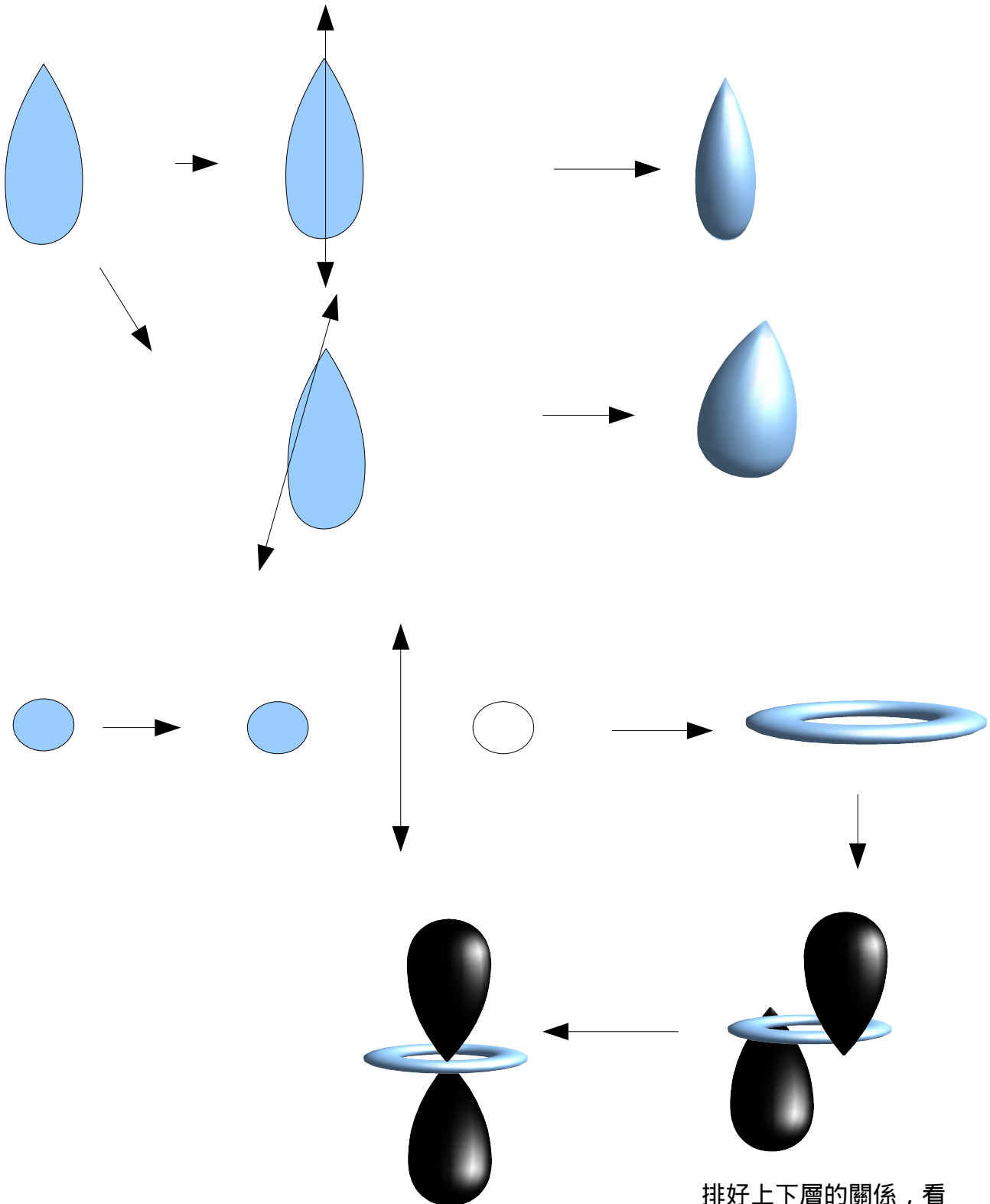


軌域

效果 > 變成 3 D 圖形

Key

1. 先移動旋轉軸，儘量與原圖形完全重疊（或略為傾斜）
2. 按下滑鼠右鍵就完成



排好上下層的關係，看起來是穿越圓環

