



Teaching software of **I23D Design**



講師：

___阿吉___老師

註冊安裝



AUTODESK® 123D®

APPS

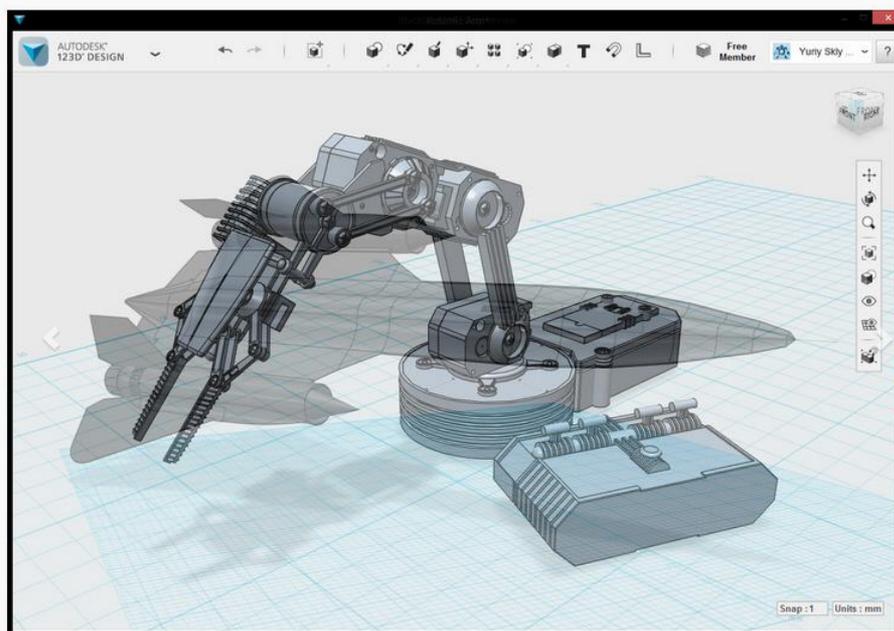
3D MODELS

3D PRINTING

TOOLS

BLOG

GO PREMIUM



Simplest way to get your ideas into 3D.

123D Design is a free, powerful, yet simple 3D creation and editing tool which supports many new 3D printers.

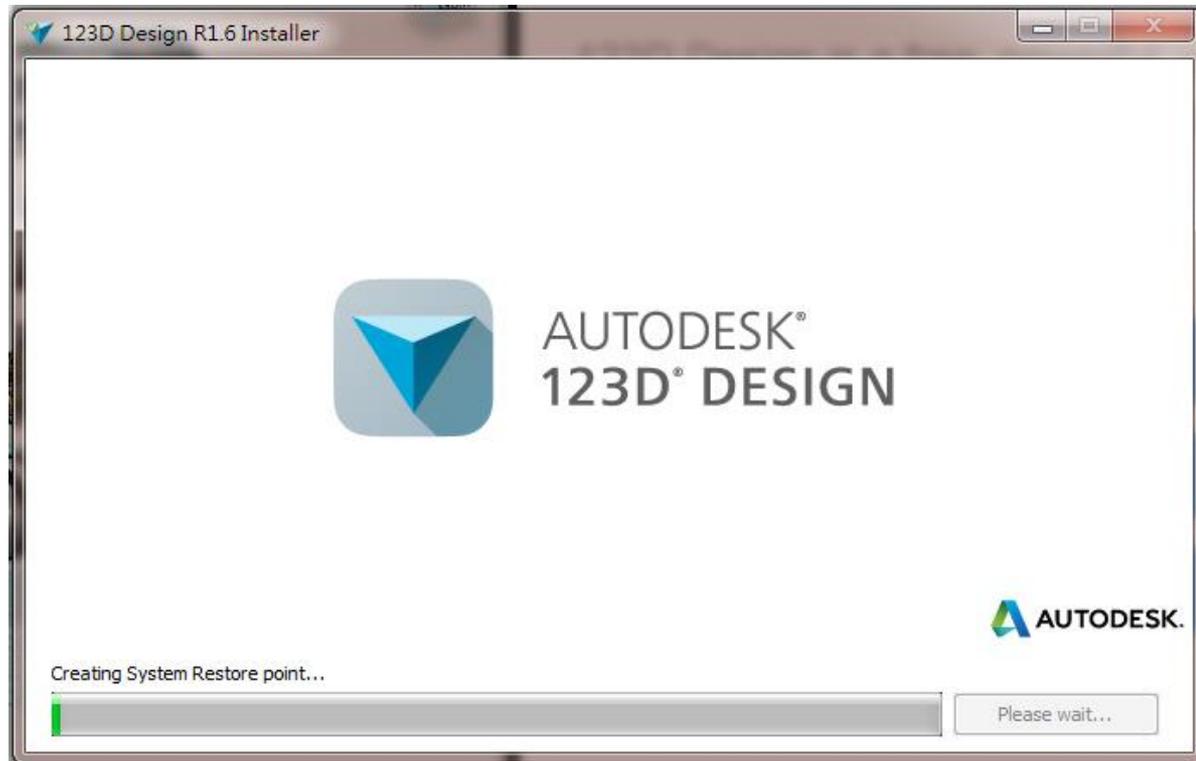
 PC download

 Mac download

 iPad download

註冊成功

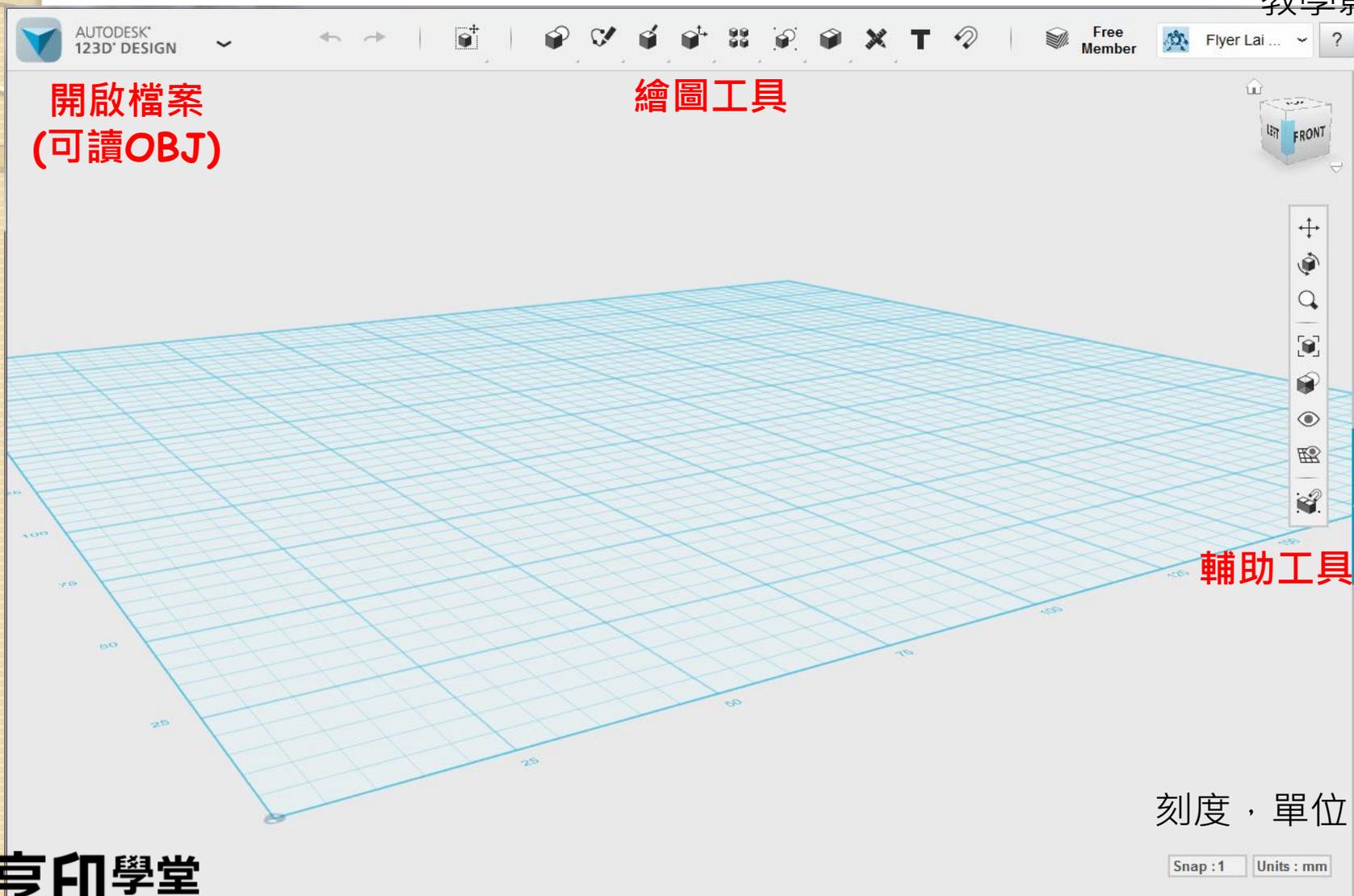
依照個人電腦配備安裝軟體



等待安裝，約15分鐘

主畫面介紹

教學影片



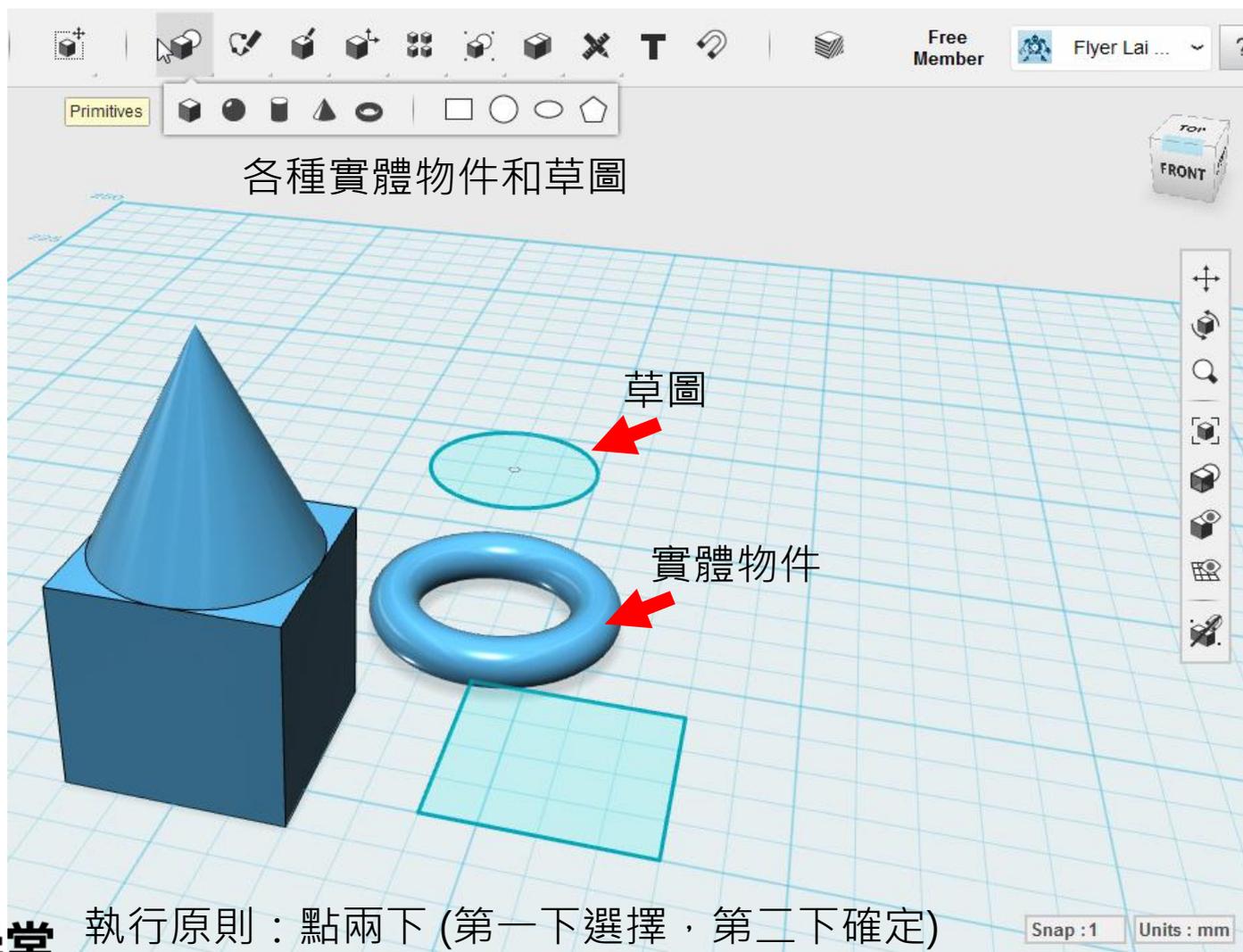
繪圖工具



1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.

- | | |
|----------------------|-----------------|
| 1. Transform 移動&等比縮放 | 6. Pattern 圖案化 |
| 2. Primitives 基本物件 | 7. Grouping 群組 |
| 3. Sketch 草圖 | 8. Combine 合併 |
| 4. Construct 構成物件 | 9. Measure 量測 |
| 5. Modify 修改物件 | 10. Text 文字 |
| | 11. Snap 磁鐵 |
| | 12. Material 材質 |

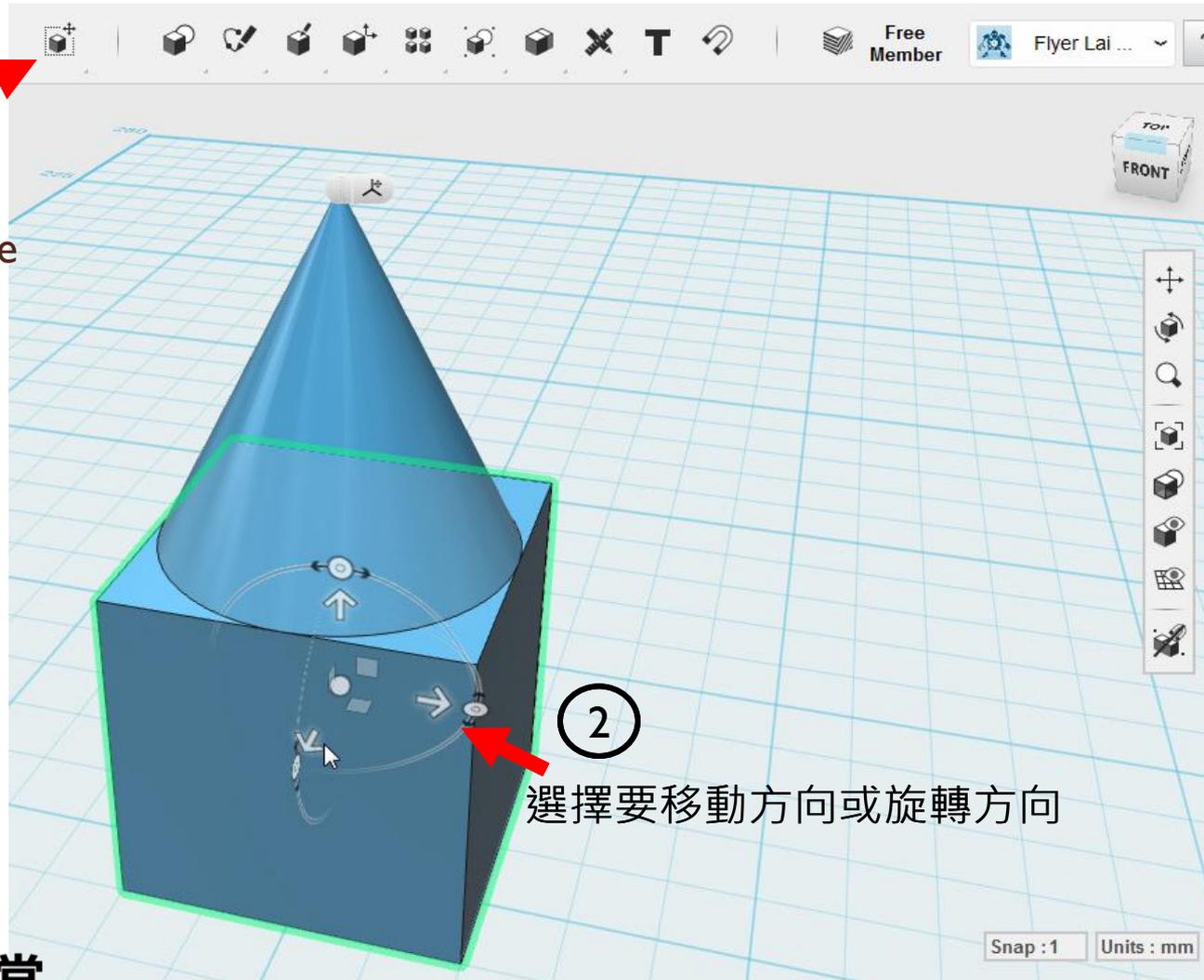
Primitives 基本物件



Transform -> 移動

①

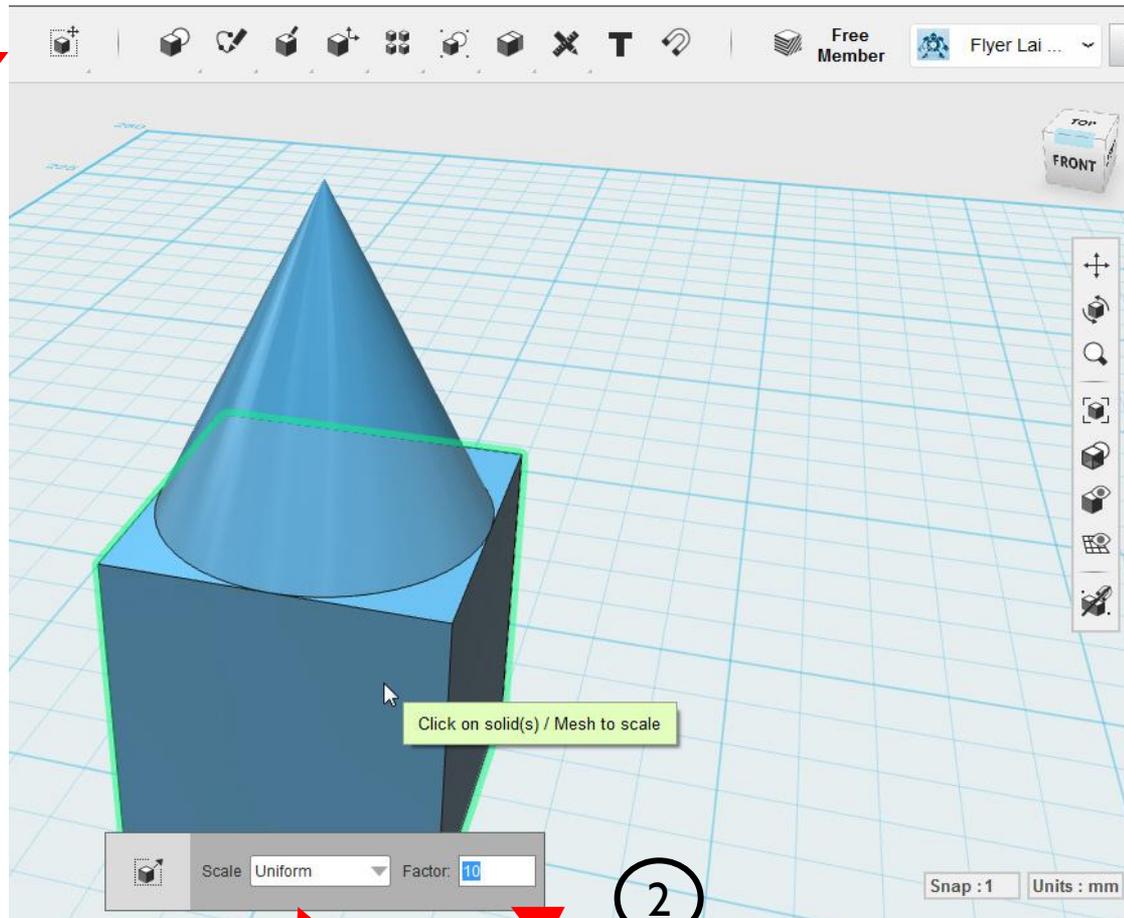
移動
Move/Rotate



Transform -> 等比縮放

①

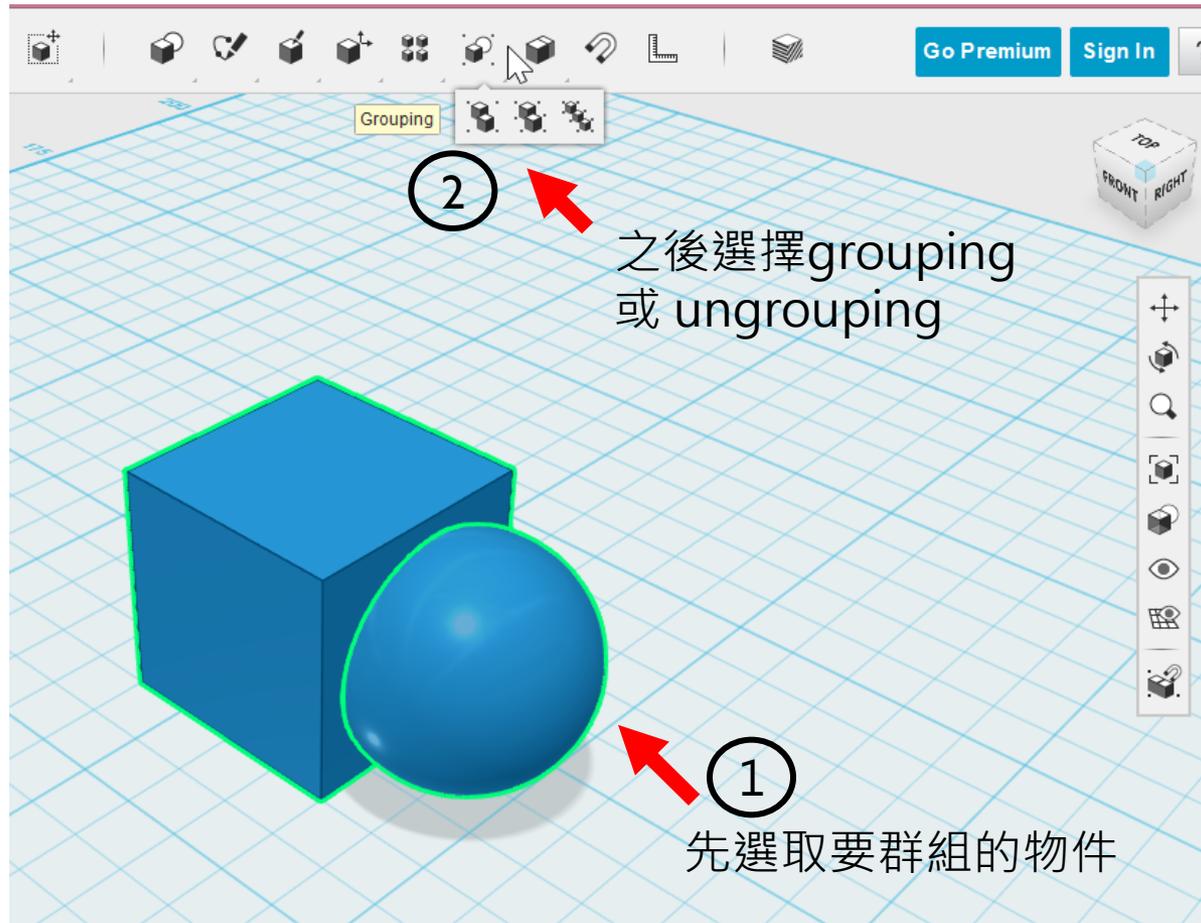
縮放
Scale



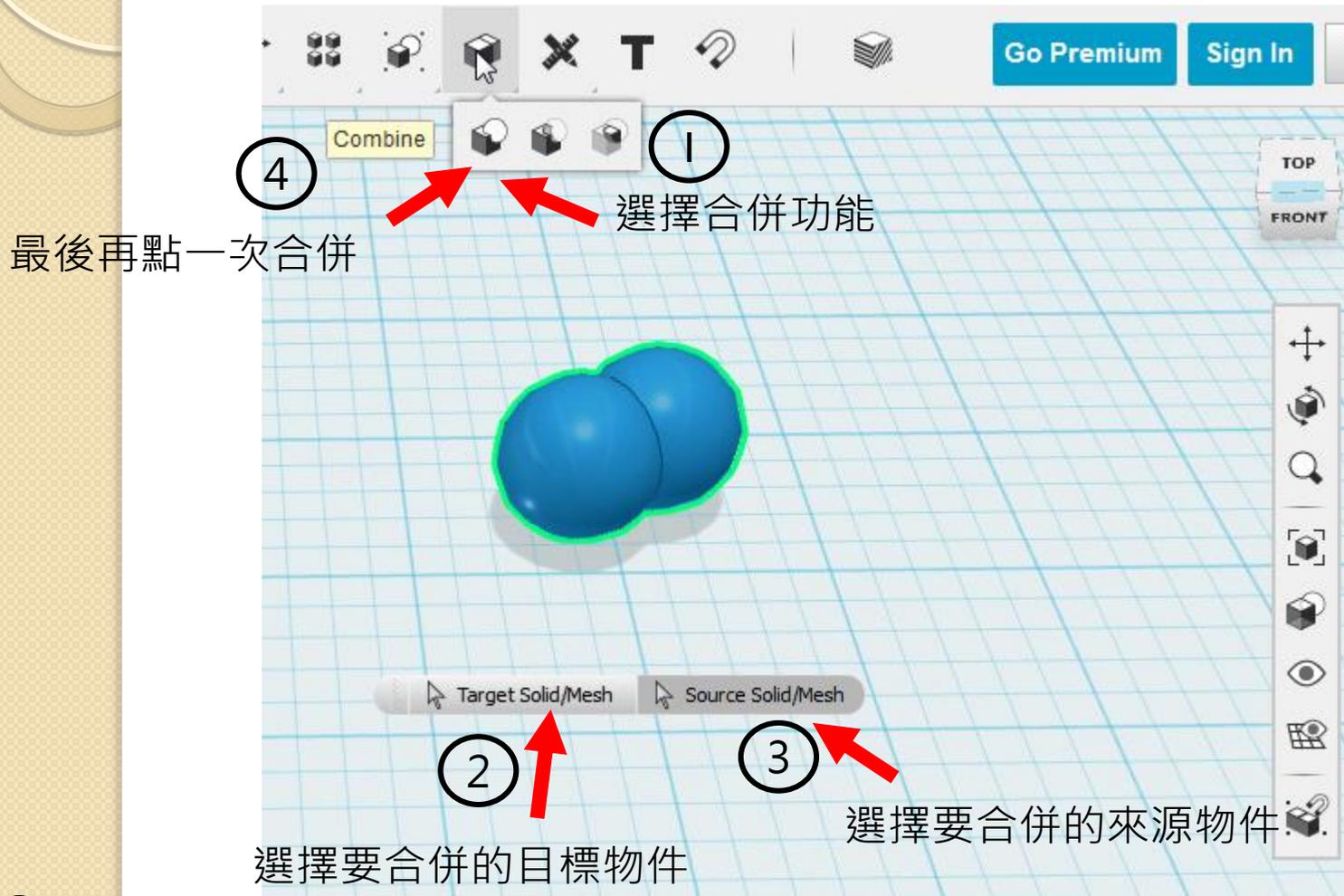
指定縮放比例

也可特定方向縮放

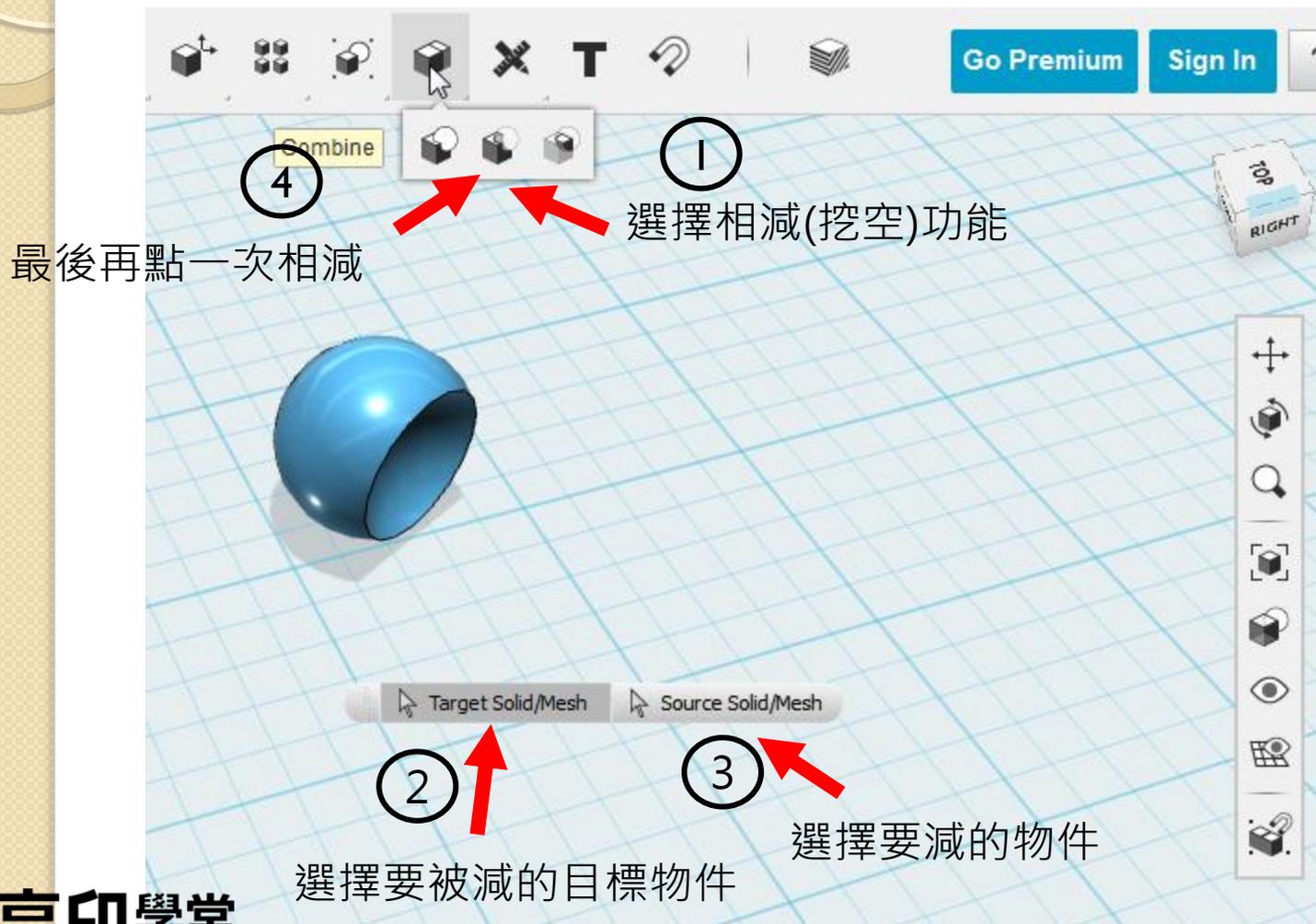
Grouping 群組



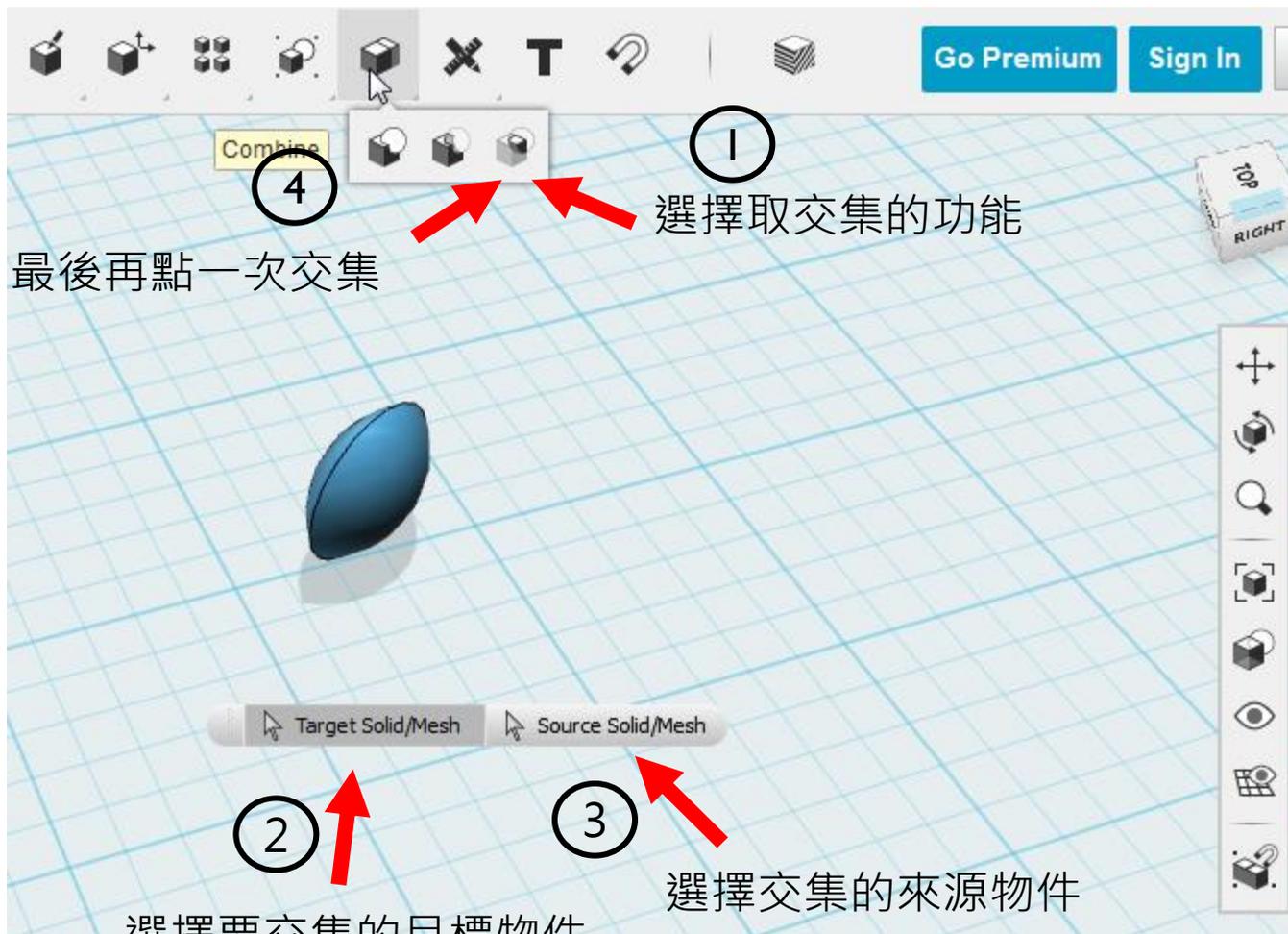
Combine 合併 -> Merge



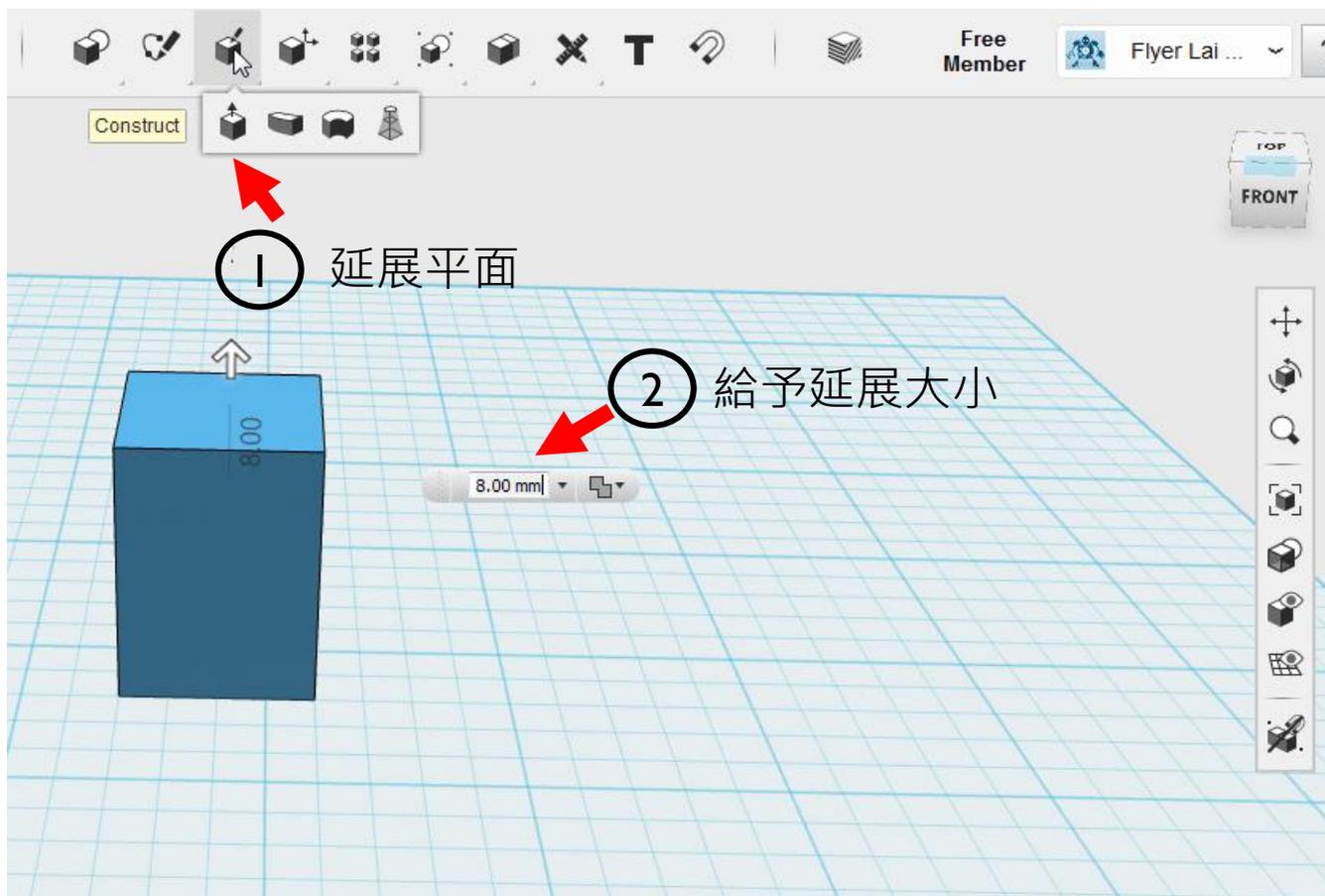
Combine 合併 -> Subtract



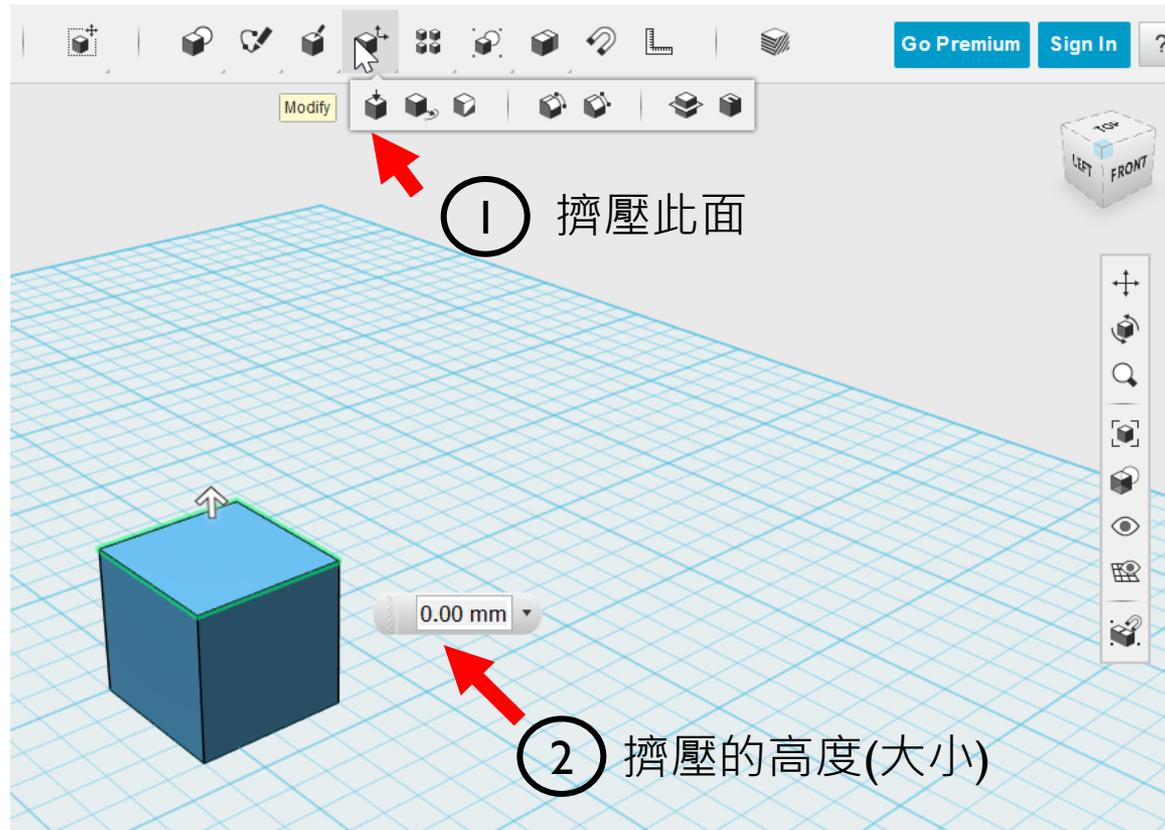
Combine 合併 -> Intersect



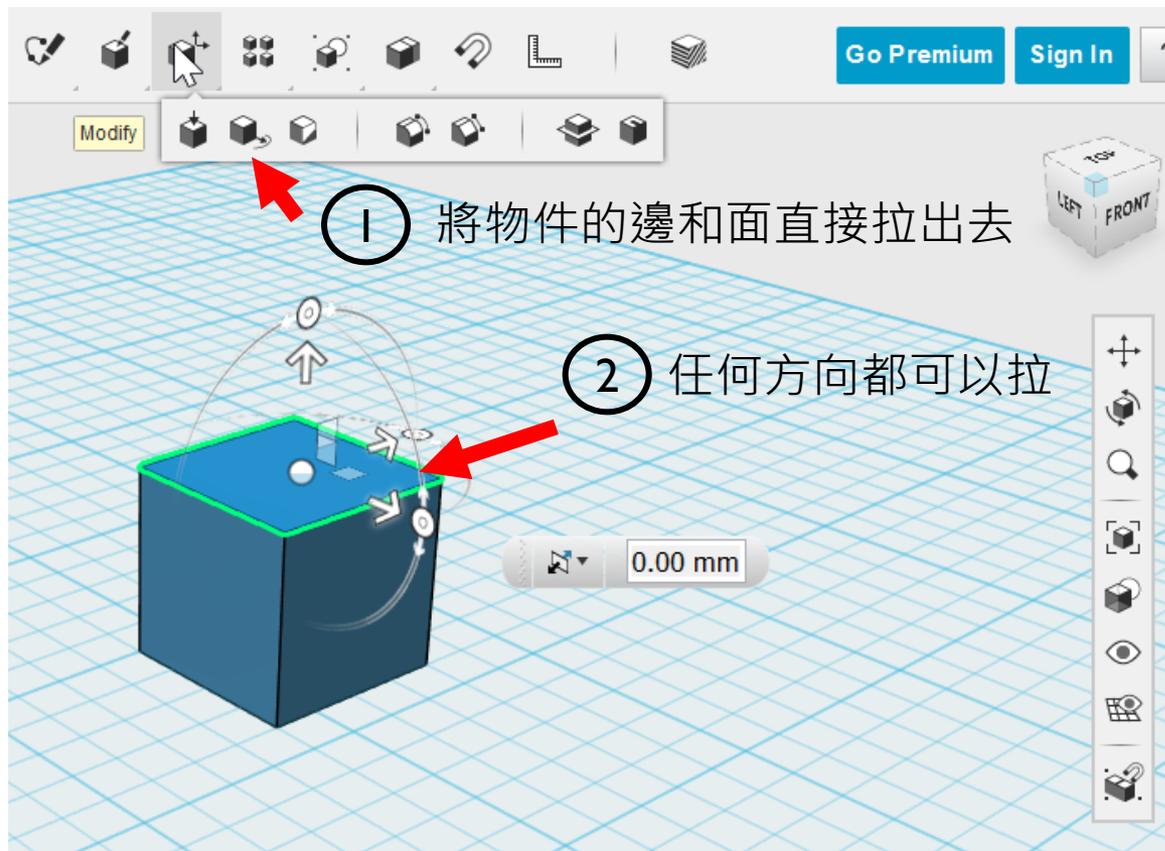
Construct 構成物件 -> Extrude



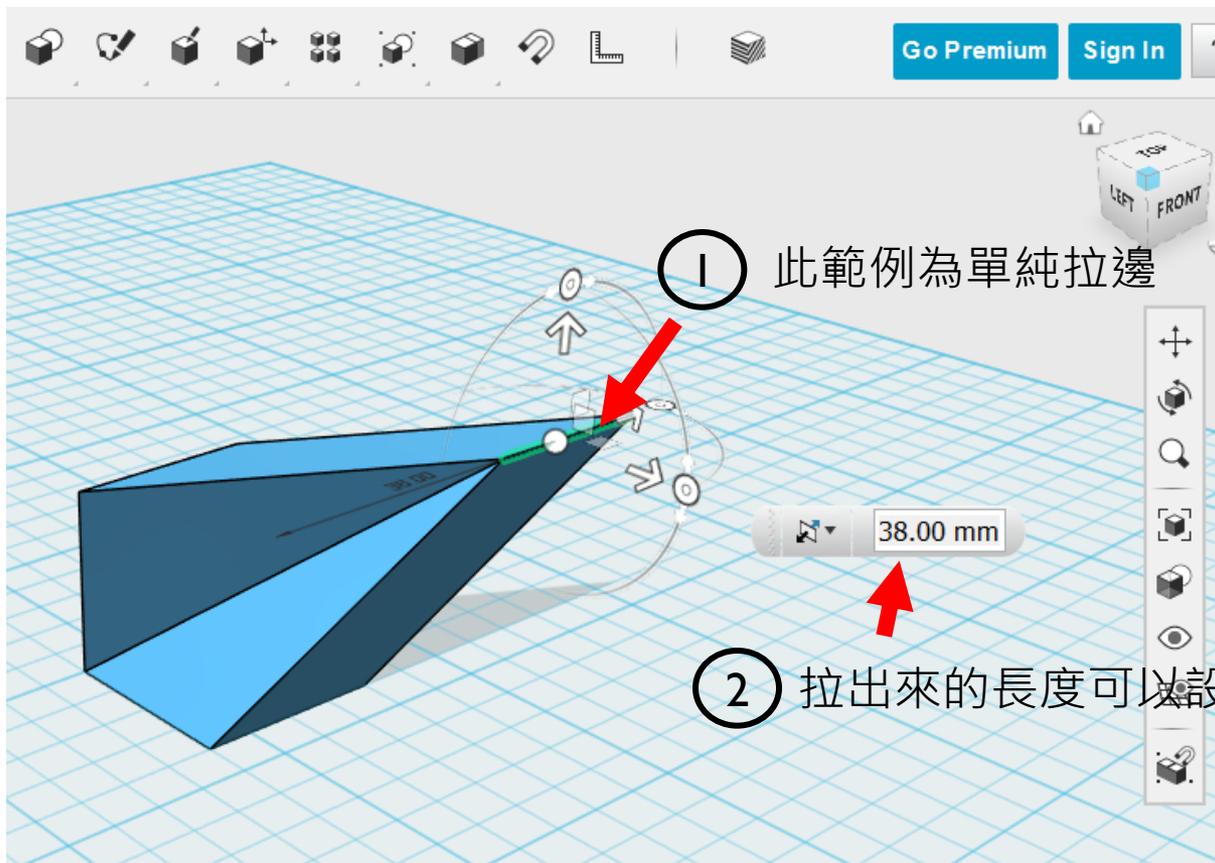
Modify 修改物件-> Press Pull



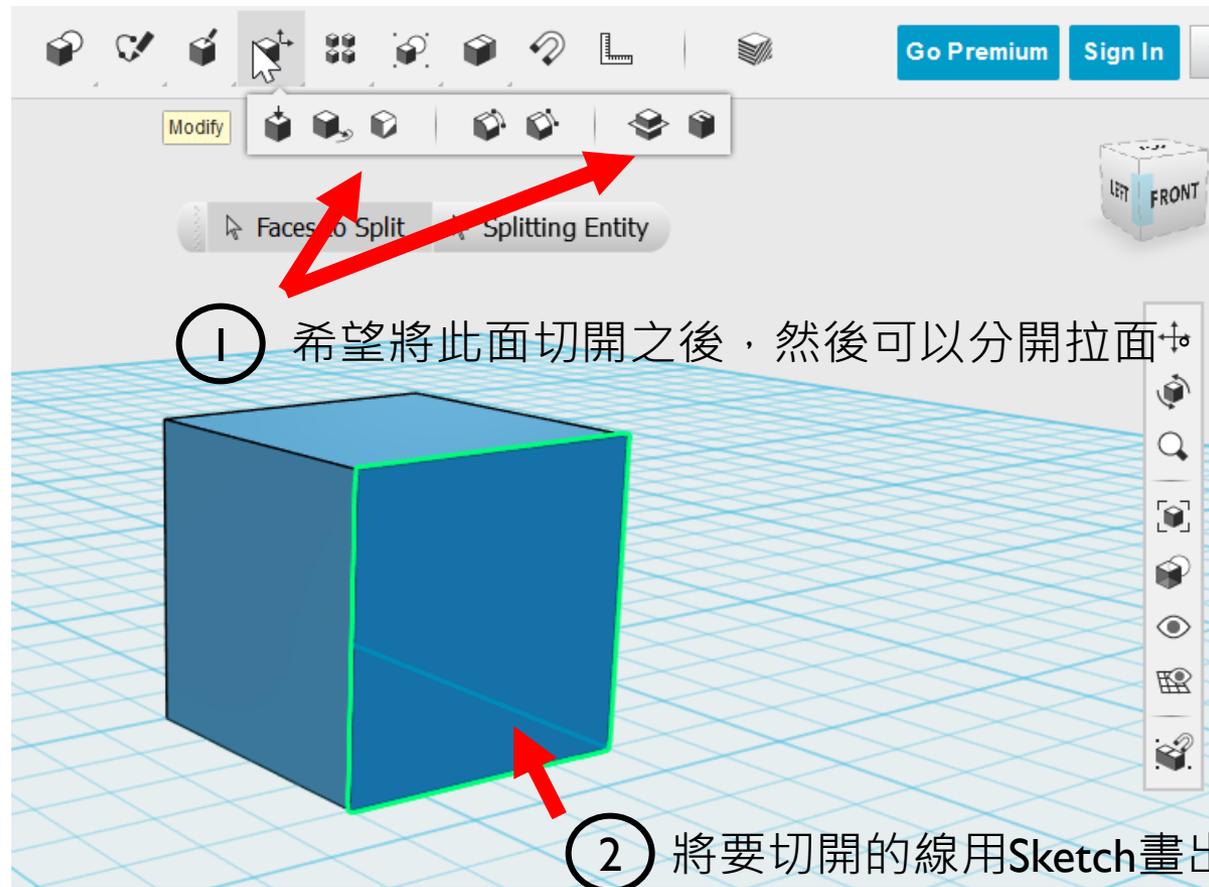
Modify 修改物件 -> Press Pull



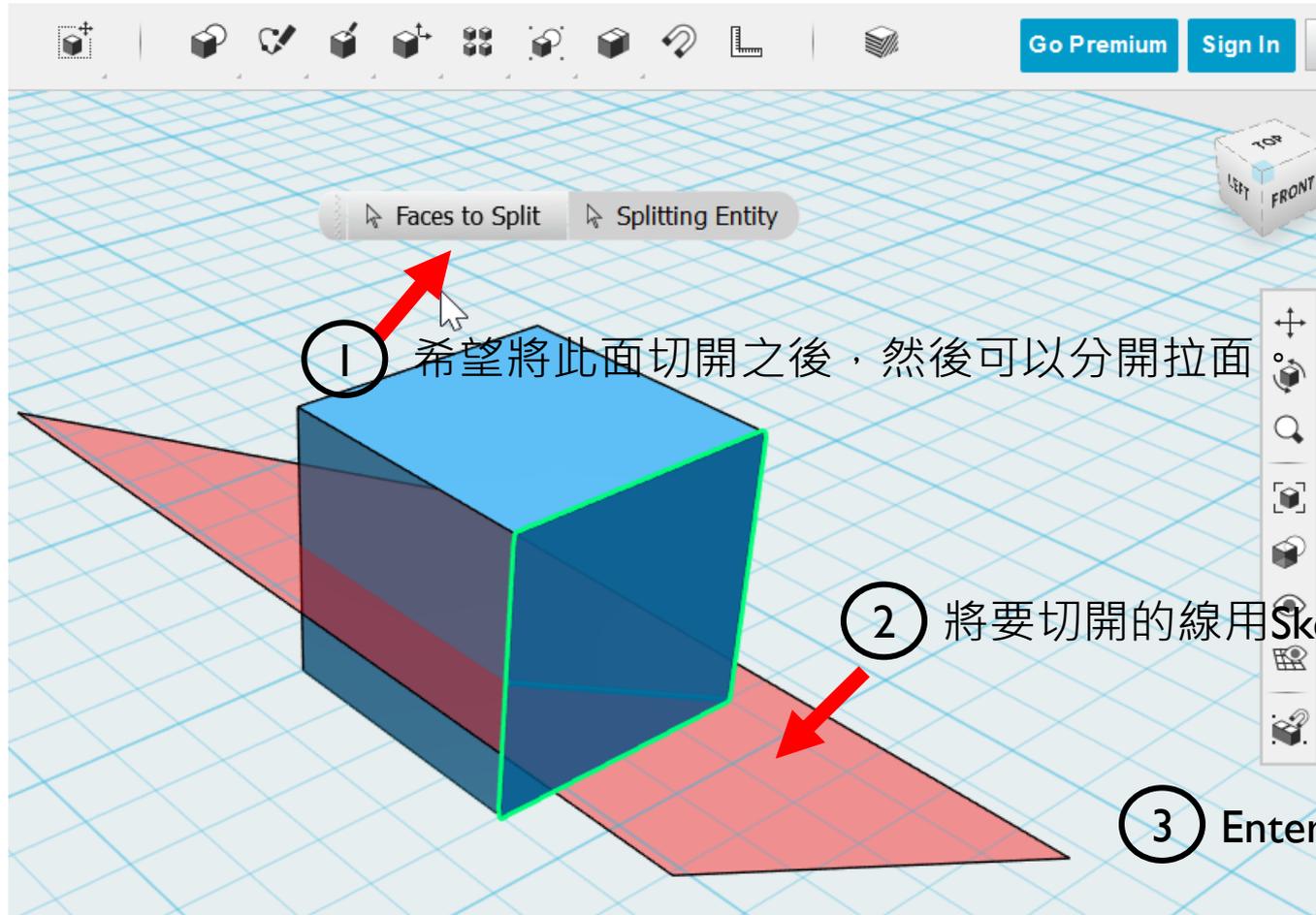
Modify 修改物件 -> Press Pull



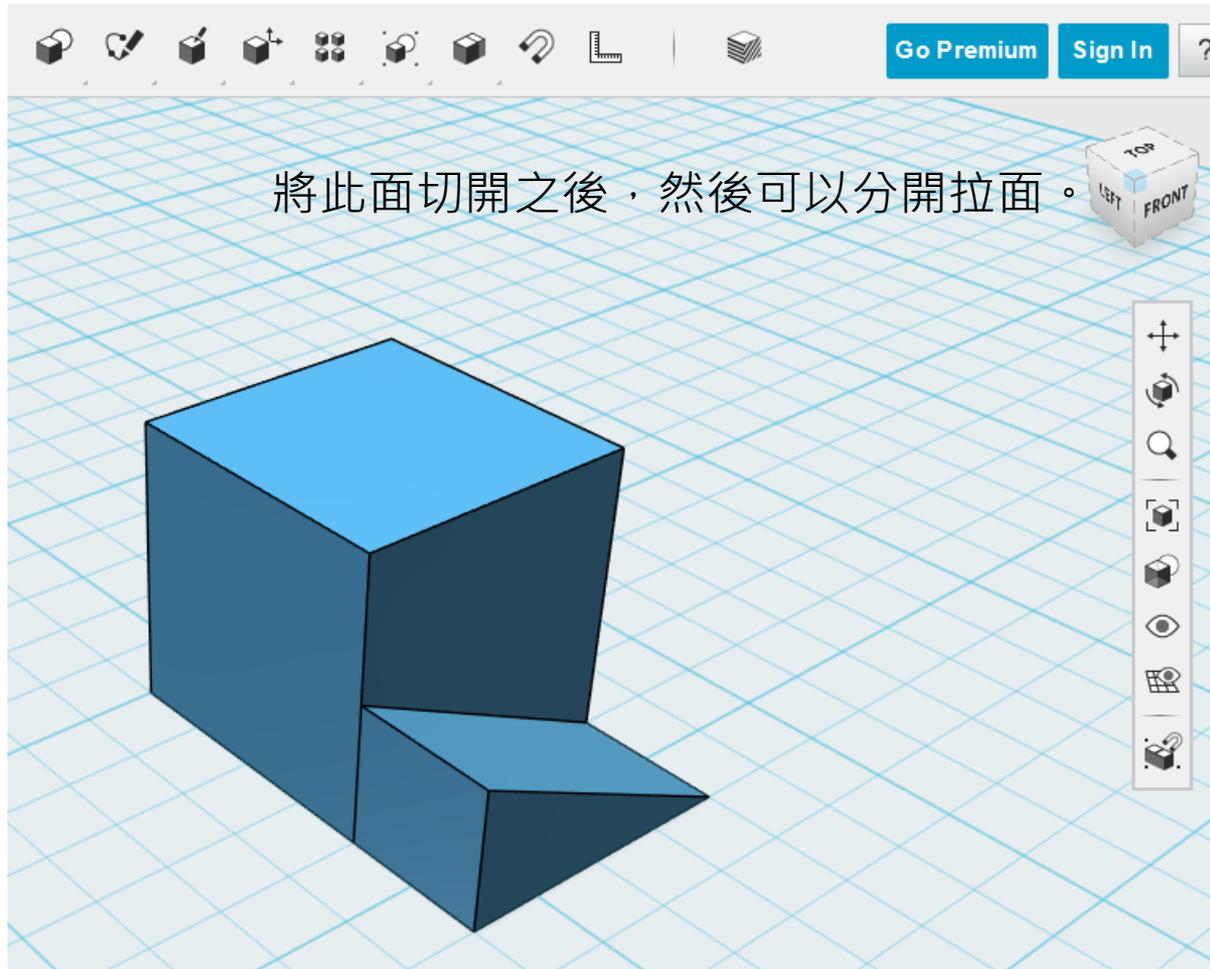
Modify 修改物件 -> Split Face / Solid



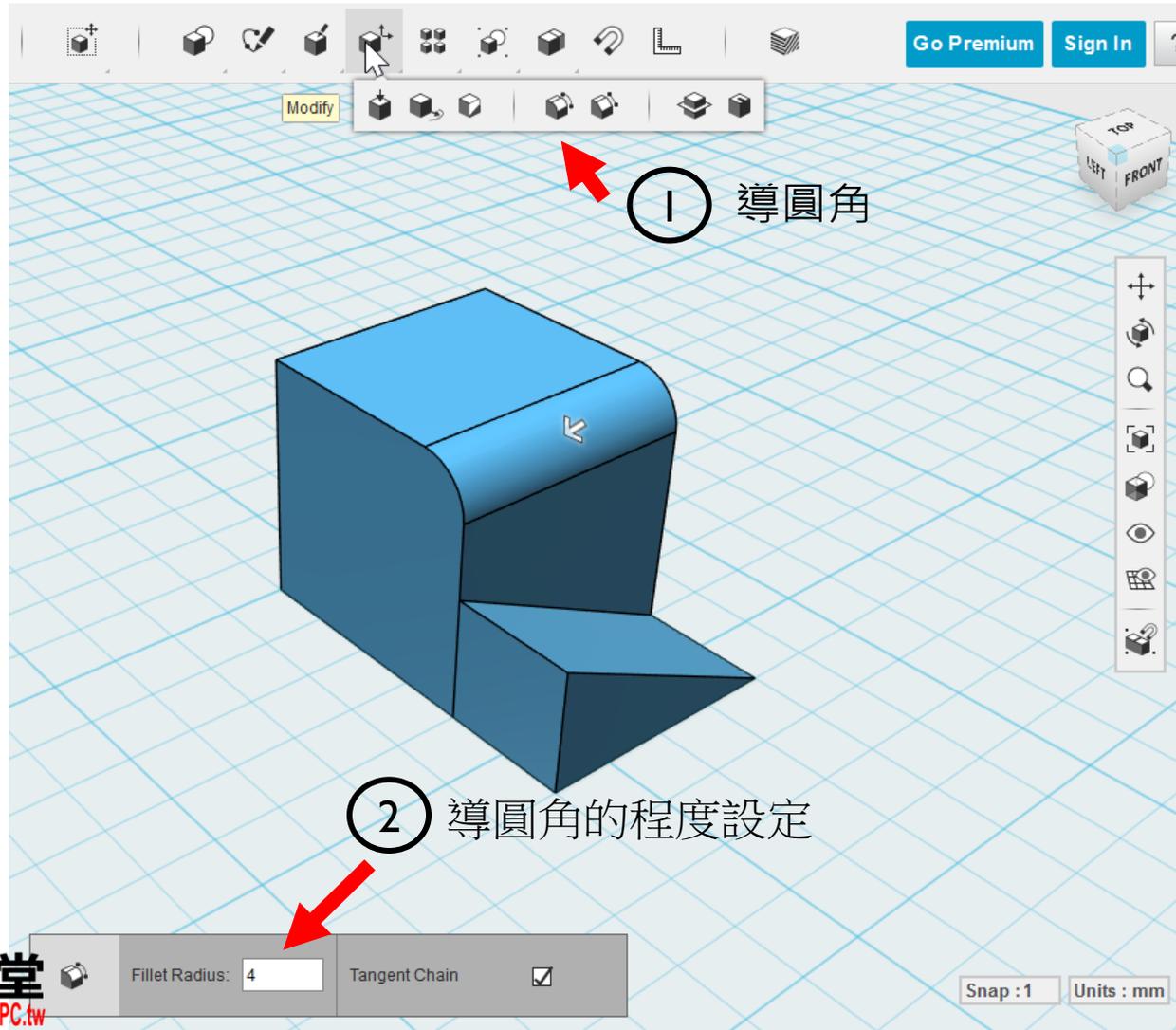
Modify 修改物件 -> Split Face / Solid



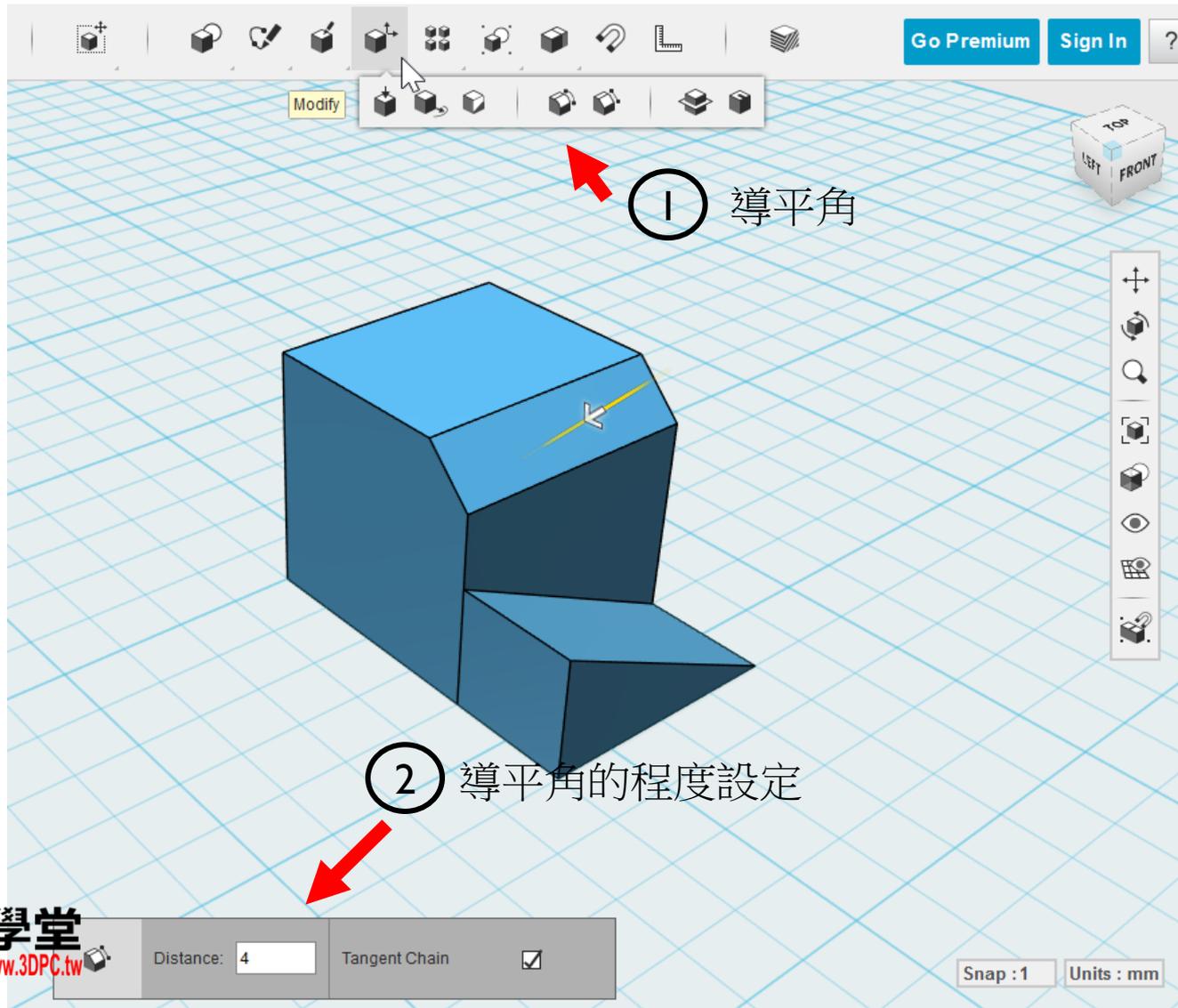
Modify 修改物件 -> Split Face / Solid



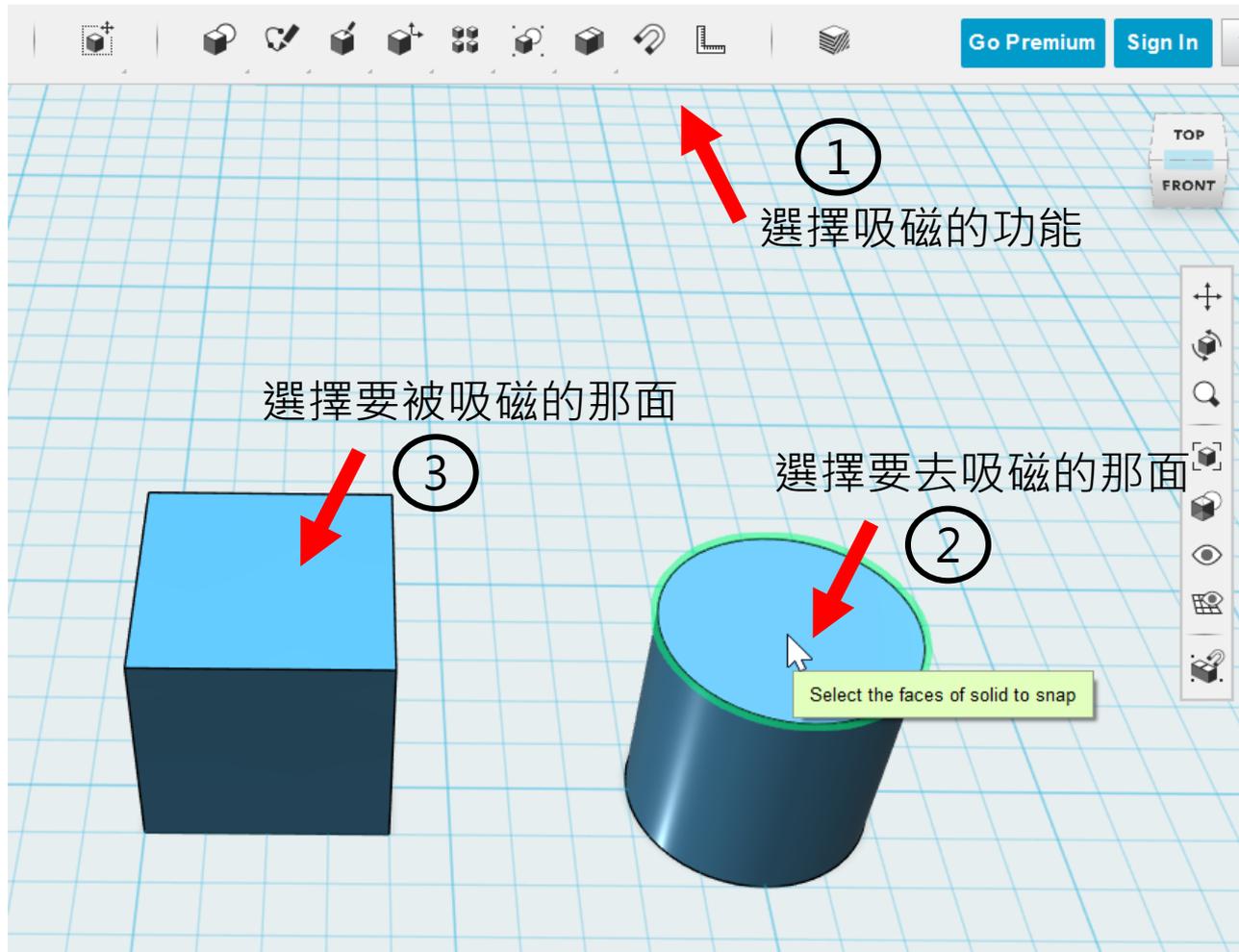
Modify 修改物件->Fillet



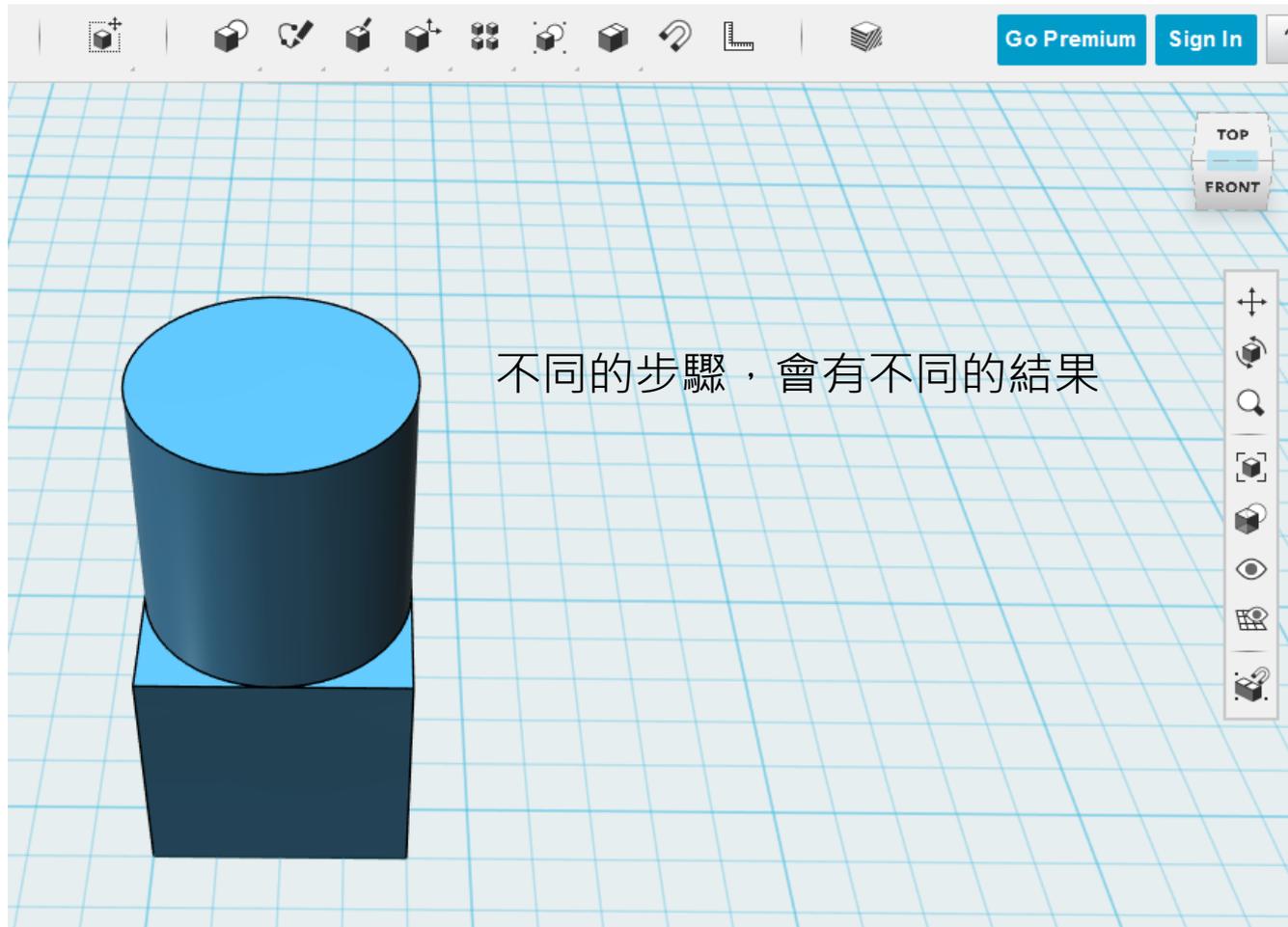
Modify 修改物件->Chamfer



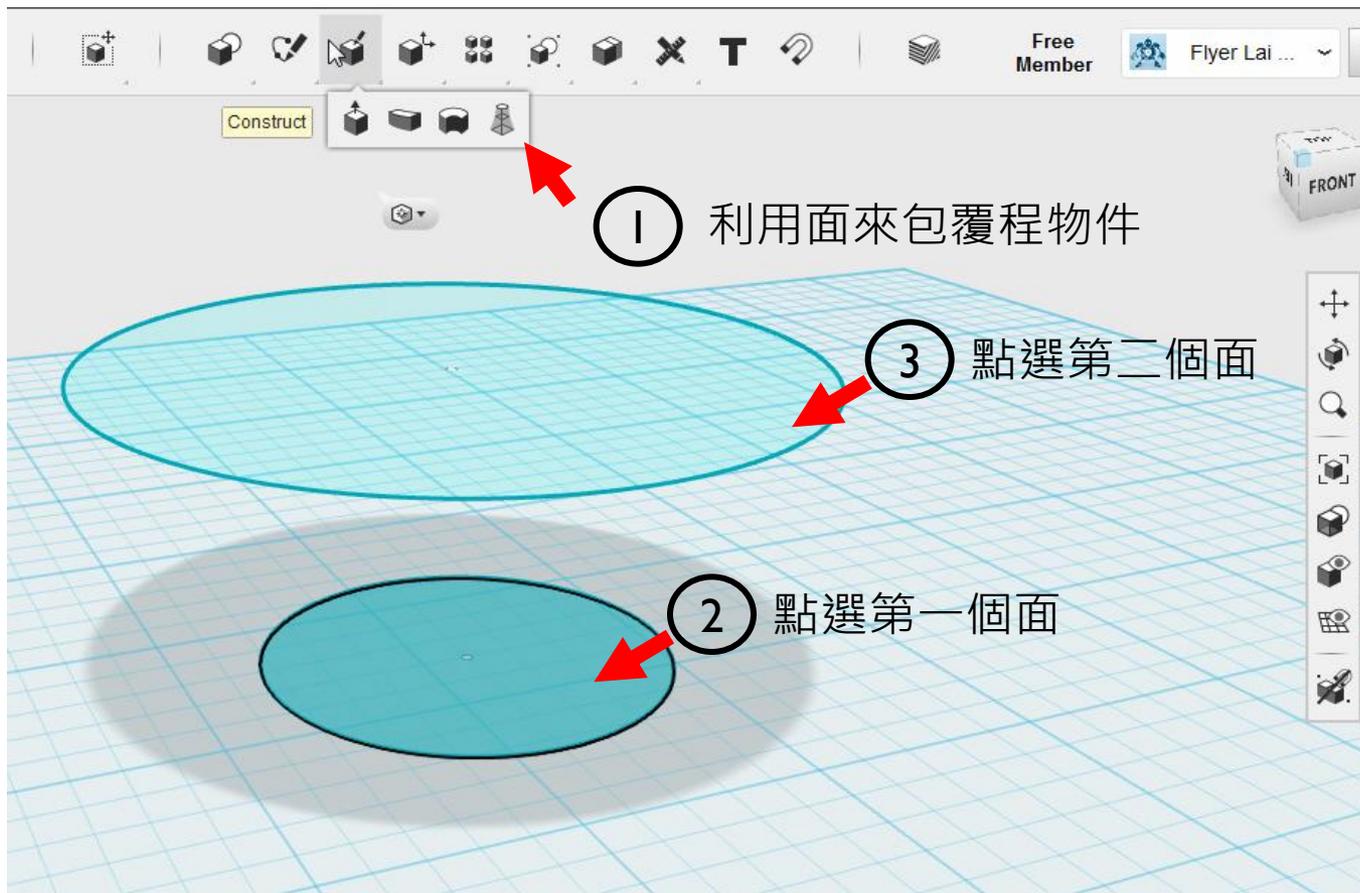
Snap 磁鐵 (吸) snap



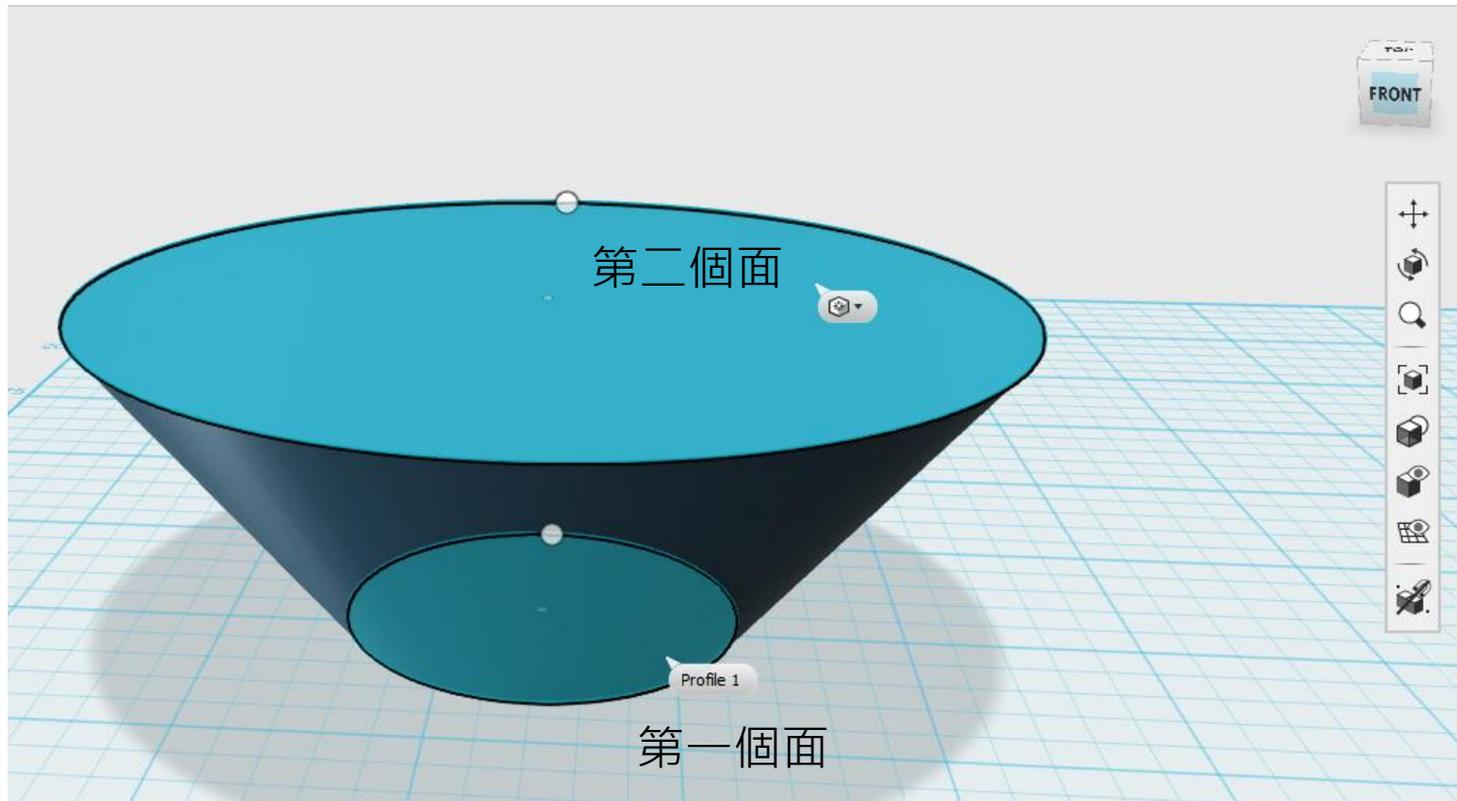
Snap 磁鐵 (吸) snap



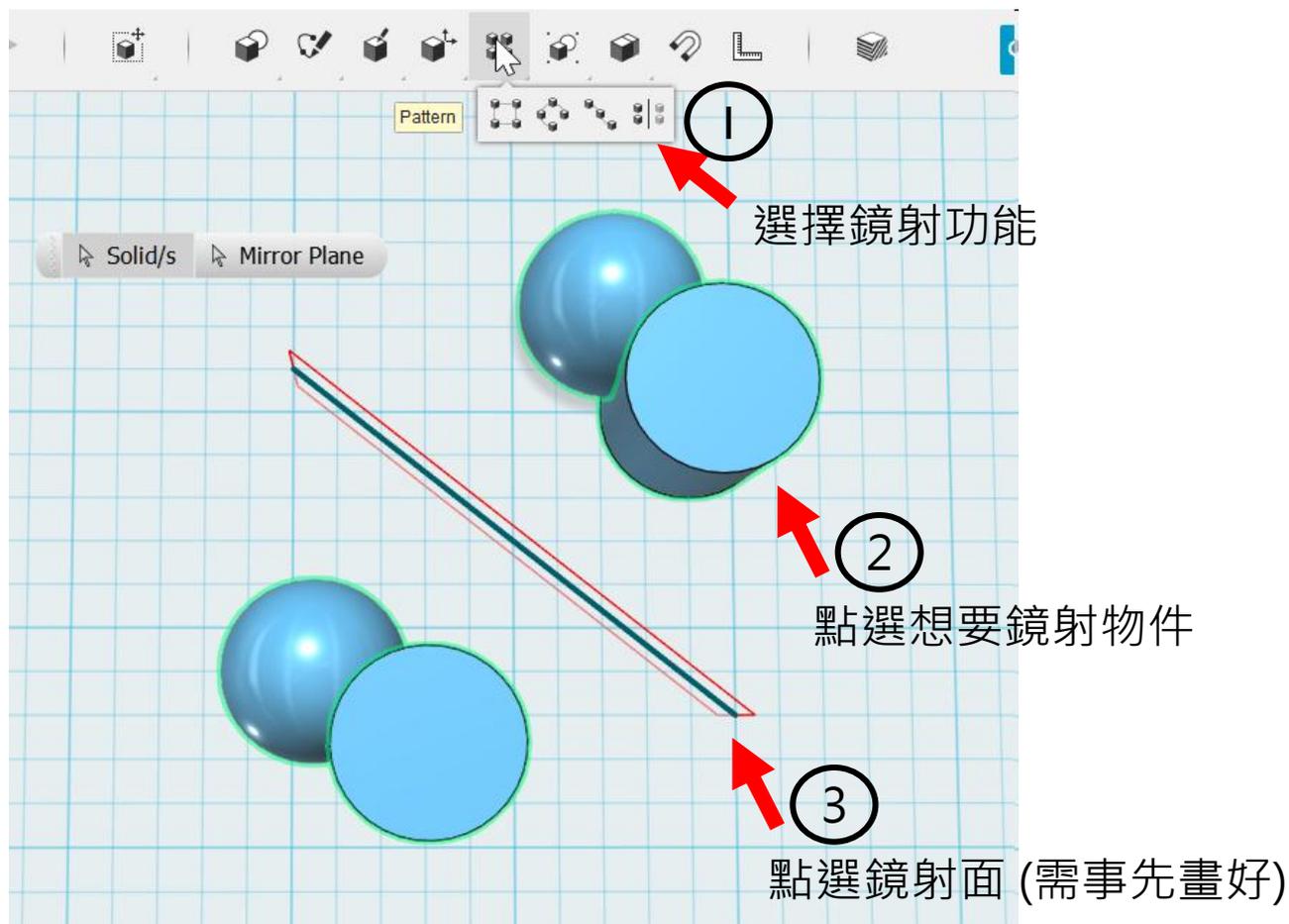
Construct 構成物件->Loft



Construct 構成物件->Loft



Pattern 圖案化->Mirror



Measure 測量

